



3 1761 10374585 7



Digitized by the Internet Archive
in 2023 with funding from
University of Toronto

<https://archive.org/details/31761103745857>

002
CATALOGUE No.

41-001

MONTHLY



CANADA

686n

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

JANUARY 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6523-502-12

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 1



PRIMA IRON AND STEEL
JANUARY 1982

DOMINION BUREAU OF STATISTICS
Industry and Manufacturing Division

TABLE 1. Description of Iron Blast Furnaces(1) at end of January, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	11	3,648,300	74.4
Banked	1	190,000	3.9
Blown out	5	1,066,600	21.7
Totals	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	January, 1962
	net tons of 2,000 pounds
<u>Crude iron ore:</u>	
From Canadian mines	68,498
From foreign mines	150,894
Pyrite cinder	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>	
From Canadian mines	116,715
From foreign mines	169,884
From own processing	155,952
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	16,201
Scrap iron and steel	6,128
Limestone	55,046
Dolomite	23,564
Coke	256,553

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, January

	1961	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Pig iron:</u>		
Basic	299,920	1,936
Foundry (including silvery pig)(2)	24,065	6,970
Malleable	7,043	13,388
Total pig iron	331,028	22,294
Ferro-alloys	8,631	8,148
Stocks of pig iron on hand at end of month	329,480	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, January

	1962	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Pig iron:</u>		
Basic	361,190	2,893
Foundry (including silvery pig)(2)	32,353	11,918
Malleable	25,332	17,319
Total pig iron	418,875	32,130
Ferro-alloys	9,438	8,535
Stocks of pig iron on hand at end of month	388,063	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	January	
	1961	1962
	net tons of 2,000 pounds	
Pig iron	293,361	364,038
Scrap - Own make	131,862	159,355
Purchased	80,099	124,492
Total pig iron and scrap	505,322	647,885

TABLE 7. Production and Shipments of Steel Ingots and Castings, January

	1961	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Steel ingots (both carbon and alloy):</u>		
Basic open hearth	405,627	322
Electric	44,964	5,883
Oxygen	(2)	(2)
Total steel ingots	450,591	6,205
Alloy steel ingots included in above	19,601	242
<u>Steel castings (both carbon and alloy):</u>		
Basic open hearth	173	173
Electric	6,624	7,405
Other	-	-
Total steel castings	6,797	7,578
<u>Alloy steel castings included in above:</u>		
High alloy, except manganese and abrasion resistant	198	181
Manganese and abrasion resistant	1,082	1,069
All other alloys	494	517
Total alloy castings	1,774	1,767

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, January

	1962	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Steel ingots (both carbon and alloy):</u>		
Basic open hearth	511,016	128
Electric	55,027	8,281
Oxygen	(2)	(2)
Total steel ingots	566,043	8,409
Alloy steel ingots included in above	27,265	710
<u>Steel castings (both carbon and alloy):</u>		
Basic open hearth	351	351
Electric	9,658	8,527
Other	-	-
Total steel castings	10,009	8,878
<u>Alloy steel castings included in above:</u>		
High alloy, except manganese and abrasion resistant ...	318	214
Manganese and abrasion resistant	1,439	1,489
All other alloys	260	322
Total alloy castings	2,017	2,025

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	January, 1962	
	Carbon	Alloy
	net tons of 2,000 pounds	
Direct export - British Commonwealth	-	-
All other	5	158
Automotive industries	173	7
Agricultural, including implement and equipment manufacturers	86	28
Machinery and tools	1,451	348
Mining, lumbering and quarrying industries	759	943
Oil and gas, including refineries	79	23
National defence	4	17
Public works and public utilities	8	26
Railway operating	3,969	128
Railway cars and locomotives	130	18
Shipbuilding	60	2
Miscellaneous and unclassified	129	327
Total shipments	6,853	2,025

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
net tons of 2,000 pounds					
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, January

	1961	
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe, welded and seamless:</u>		
4 1/2" outside diameter and under (excluding casing) ..	10,437	10,365
Over 4 1/2" outside diameter (including all sizes of casing)	53,329	53,492
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	4,698	4,872
Totals	68,464	68,729
<u>Steel pipe fittings:</u>		
Buttwelding fittings	50	53
Nipples	(1)	(1)
Other, including flanges and flanged fittings	381	490
Totals	431	543

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, January

	1962	
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe, welded and seamless:</u>		
4 1/2" outside diameter and under (excluding casing) ..	14,053	11,830
Over 4 1/2" outside diameter (including all sizes of casing)	8,137	9,584
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,732	6,196
Totals	27,922	27,610
<u>Steel pipe fittings:</u>		
Buttwelding fittings	90	77
Nipples	(1)	(1)
Other, including flanges and flanged fittings	378	454
Totals	468	531

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, January, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	9,826	9,879	9,879	-
For forging and piercing	15,207	13,877	-	13,877
Rails	24,828	19,389	-	19,389
Wire rods	26,575	25,480	-	25,480
Structural shapes:				
Heavy, including piling	21,862	22,154	-	22,154
Light	5,001	7,205	-	7,205
Concrete reinforcing bars	41,781	25,459	-	25,459
Other hot rolled bars	30,583	32,501	3,358	29,143
Tie plates and track material:				
Angle bars	1,158	896	-	896
Tie plates	4,157	4,096	-	4,096
Track spikes	321	272	-	272
Plates (including plates for pipes and tubes)	36,572	37,767	-	37,767
Hot rolled sheets and strip	221,638	213,006	163,107	49,899
Total hot rolled products ..	439,509	411,981	176,344	235,637
<u>Cold rolled and coated:</u>				
Cold finished bars	3,482	3,512	-	3,512
Cold reduced strip	5,079	4,364	-	4,364
Cold reduced sheets, tin mill black plate and tin plate	148,360	150,890	67,143	83,747
Galvanized sheets	28,163	26,912	-	26,912
Total cold rolled and coated .	185,084	185,678	67,143	118,535
Total carbon steel	624,593	597,659	243,487	354,172
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	843	876	-	876
Alloy plates	115	56	-	56
Other hot rolled bars, including high-speed steel and other alloy tool steel	10,596	8,882	95	8,787
Structurals	-	-	-	-
Cold finished bars	510	522	-	522
Wire rods	140	122	-	122
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,452	2,476	-	2,476
Total alloy steel	14,656	12,934	95	12,839

TABLE 14. Disposition of Shipments(1) of Rolled Steel Products

SDI No.	January, 1962	
	Carbon	Alloy
	net tons of 2,000 pounds	
4 Wholesalers and warehouses	52,595	648
5 Direct export:		
(a) British Commonwealth	2,030	341
(b) All other	29,352	855
6 Automotive industries	19,678	5,658
7 Agricultural, including implement and equipment manufacturers	9,599	190
8 Building construction	66,044	77
9 Container industry	35,336	26
10 Machinery and tools	18,427	2,208
11 Merchant trade products	31,977	1,197
12 Mining, lumbering, etc.	5,556	1,056
13 National defence	156	22
14 Pressing, forming and stamping	25,526	379
15 Public works and utilities	1,334	-
16 Railway operating	16,194	14
17 Railway cars and locomotives	1,301	14
18 Shipbuilding	5,286	16
19 Pipes and tubes	32,920	138
20 Miscellaneous and unclassified	861	-
Net shipments	354,172	12,839

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products, by Product, January, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
4	Wholesalers and warehouses	-	37	392	6,736	3,231	7,991	5,558
5	Direct export:							
	(a) British Commonwealth	-	-	103	-	-	1,073	356
	(b) All other	33	8,681	45	37	-	530	1,603
6	Automotive industries .	705	-	41	75	2	-	7,466
7	Agricultural, etc.	-	-	16	243	575	2	3,325
8	Building construction .	14	95	772	11,917	1,745	14,758	2,488
9	Container industry	-	-	9	-	-	-	79
10	Machinery and tools ...	532	77	523	972	372	-	3,800
11	Merchant trade	671	-	23,621	83	34	-	7,599
12	Mining, lumbering, etc.	370	375	49	911	8	47	3,491
13	National defence	-	-	-	-	-	149	7
14	Pressing, forming and stamping	-	-	7	86	921	1	1,056
15	Public works and utilities	-	-	-	136	-	884	105
16	Railway operating	-	10,124	23	331	76	8	328
17	Railway cars and locomotives	17	-	1	231	12	-	377
18	Shipbuilding	5	-	-	396	229	-	227
19	Pipes and tubes	12,406	-	-	-	-	-	25
20	Miscellaneous and unclassified	-	-	-	-	-	16	40
	Net shipments	14,753	19,389	25,602	22,154	7,205	25,459	37,930

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products, by Product, January, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
-	6,051	7,515	954	206	9,824	4,748	53,243	4
								5
-	-	222	2	-	92	523	2,371	(a)
2,019	928	2,954	6	-	7,785	5,586	30,207	(b)
-	229	8,814	1,005	895	5,408	696	25,336	6
-	650	2,759	650	15	1,216	338	9,789	7
356	12,410	5,014	51	177	4,360	11,964	66,121	8
-	-	163	1	36	34,937	137	35,362	9
-	5,858	4,724	588	278	2,667	244	20,635	10
-	18	151	395	43	539	20	33,174	11
125	694	310	54	-	158	20	6,612	12
-	-	7	14	1	-	-	178	13
-	270	6,946	271	1,622	12,818	1,907	25,905	14
-	189	20	-	-	-	-	1,334	15
2,764	1,464	750	4	-	17	319	16,208	16
-	370	233	18	-	56	-	1,315	17
-	4,177	192	1	-	23	52	5,302	18
-	4,515	11,601	1	506	3,755	249	33,058	19
-	-	-	19	585	92	109	861	20
5,264	37,823	52,375	4,034	4,364	83,747	26,912	367,011	

TABLE 16. Exports(1) of Selected Forms of Iron and Steel

	October, 1961	Ten months ended October, 1961
	net tons of 2,000 pounds	
Pig iron	56,204	418,813
Sponge iron	190	2,228
Steel ingots	29,836	94,354
Blooms, billets, slab steel	8,315	164,532
Iron castings, n.e.s.	654	5,515
Steel castings	183	1,512
Forgings, n.e.s.	764	6,584
Bars steel, hot rolled	2,791	33,362
Wire rods steel, hot rolled	326	4,652
Bars steel, cold rolled	99	2,206
Plate steel	932	5,076
Sheets and strip, carbon steel, hot rolled	5,650	51,355
Sheets and strip steel, n.e.s.	11,010	122,598
Structural shapes	992	11,505
Rails	2,613	57,047
Cast iron pipe	-	32
Pipes and tubes, iron and steel, n.e.s.	6,176	25,436
Totals	126,735	1,006,807

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 17. Imports of Selected Forms of Iron and Steel

Note: Imports of steel shapes usually available for the current month under review have been delayed because of a change in compilation procedure. It is expected that it will be necessary to introduce a lag of about a month in the presentation of the monthly import figures and, on this account, January data will be carried in the February issue.

Steel Furnace Capacity as of January 1, 1962

<u>Name of Firm</u>	<u>Location</u>	<u>Annual Capacity(1)</u> net tons of 2,000 pounds
A - 1 Steel & Foundry	Vancouver, B.C.	3,600
Algoma Steel Corporation Limited	Sault Ste. Marie, Ont.	1,600,000
Atlas Steels Limited	Welland, Ont.	170,400
Burlington Steel Co. Limited	Hamilton, Ont.	26,400
Canada Electric Castings Co. Limited	Orillia, Ont.	6,000
Canadian Steel Foundries (1956) Ltd.	Montreal, P.Q.	110,300
Canadian Steel Wheel Ltd.	Montreal, P.Q.	145,800
Canadian Summer Iron Works Ltd.	Vancouver, B.C.	3,700
Canadian Unitcast Steel Ltd.	Sherbrooke, P.Q.	8,000
Consolidated Mining & Smelting Co. of Canada Ltd. ...	Trail, B.C.	8,500
Crucible Steel of Canada Ltd.	Sorel, P.Q.	31,800
Dominion Brake Shoe Co. Ltd.		
Joliette Steel Div.	Montreal, P.Q.	32,700
Dominion Engineering Works Ltd.	Montreal, P.Q.	15,000
Dominion Foundries & Steel Ltd.	Hamilton, Ont.	1,285,000
Dominion Steel & Coal Corporation Ltd.	Montreal, P.Q.	90,000
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.	960,000
Fahralloy Canada Ltd.	Orillia, Ont.	7,100
Foothills Steel Foundry & Iron Works Ltd.	Calgary, Alta.	1,900
Ford Motor Co. of Canada Ltd.	Windsor, Ont.	131,300
Griffin Steel Foundries Ltd.	St. Hyacinthe, P.Q. ...	29,000
Griffin Steel Foundries Ltd.	Transcona, Man.	36,000
Interprovincial Steel & Pipe Corporation Ltd.		
Prairie Pipe Div.	Regina, Sask.	125,000
Wm. Kennedy & Sons	Owen Sound, Ont.	6,000
Lynn McLeod Metallurgy Ltd.	Thetford Mines, P.Q. ..	6,000
Manganese Steel Castings Ltd.	Sherbrooke, P.Q.	1,800
Dominion Brake Shoe Co. Ltd.		
Manitoba Steel Foundry Div.	Selkirk, Man.	7,000
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.	108,000
Maritime Steel & Foundries Ltd.	New Glasgow, N.S.	3,000
Neelon Steel Ltd.	Lebel, Ont.	9,600
Premier Steel Mills Ltd.	Edmonton, Alta.	87,600
Quality Steel Foundries Ltd.	Edmonton, Alta.	1,800
Reliance Foundry Co. Ltd.	Vancouver, B.C.	8,000
Shawinigan Chemicals Ltd.	Shawinigan Falls, P.Q. .	6,300
Sorel Steel Foundries Ltd.	Sorel, P.Q.	14,500
Steel Co. of Canada Ltd.	Hamilton, Ont.	3,125,000
The Indiana Steel Products Co. of Canada Ltd.	Kitchener, Ont.	2,000
Vancouver Steel Co. Ltd.	Vancouver, B.C.	86,000
Victoria Machinery Depot Co. Ltd.	Victoria, B.C.	5,000
Welland Electric Steel Foundry	Welland, Ont.	8,300
Totals		8,313,400

(1) Annual capacity is the production which the given piece of equipment will turn out in a year, working at normal efficiency, 24 hours a day, and irrespective altogether of materials and labour supply or the markets, although allowing for such shut-downs as may be necessary for repairs and over-hauling or rebuilding.

Pig Iron

Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Canadian Furnace Ltd.	Port Colborne, Ont.
The Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Quebec Iron & Titanium Corporation	Sorel, P.Q.
Steel Co. of Canada	Hamilton, Ont.

Steel Ingots and Steel Castings

A - 1 Steel & Foundry	Vancouver, B.C.
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Atlas Steels	Welland, Ont.
Burlington Steel Co. Ltd.	Hamilton, Ont.
Canada Electric Castings Co. Ltd.	Orillia, Ont.
Canada Steel Foundries (1956) Ltd.	Montreal, P.Q.
Canadian Steel Wheel Ltd.	Hochelaga, Montreal, P.Q.
Canadian Summer Iron Works Ltd.	Vancouver, B.C.
Canadian Unitcast Steel Ltd.	Sherbrooke, P.Q.
Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Brake Shoe Co. Ltd. (Joliette Steel Div.)	Joliette, P.Q.
Dominion Brake Shoe Co. Ltd. (Manitoba Steel Foundry Div.)	Selkirk, Man.
Dominion Engineering Works Ltd.	Montreal, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Dominion Steel & Coal Corporation Ltd.	Montreal, P.Q.
Fahr alloy Canada Ltd.	Orillia, Ont.
Foothills Steel Foundry & Iron Works Ltd.	Calgary, Alta.
Ford Motor Co. of Canada Ltd.	Windsor, Ont.
Griffin Steel Foundries Ltd. (St. Hyacinthe Plant)	St. Hyacinthe, P.Q.
Griffin Steel Foundries Ltd. (Transcona Plant)	Transcona, Man.
Interprovincial Steel & Pipe Corporation Ltd. (Prairie Pipe Div.)	Regina, Sask.
Wm. Kennedy & Sons	Owen Sound, Ont.
Lynn MacLeod Metallurgy Ltd.	Thetford Mines, P.Q.
Manganese Steel Castings	Sherbrooke, P.Q.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Maritime Steel & Foundries Ltd.	New Glasgow, N.S.
Neelon Steel Ltd.	Lebel, Ont.
Premier Steel Mills Ltd.	Edmonton, Alta.
Quality Steel Foundries Ltd.	Edmonton, Alta.
Reliance Foundry Co. Ltd.	Vancouver, B.C.
Shawinigan Chemicals Ltd.	Shawinigan Falls, P.Q.
Sorel Steel Foundries Ltd.	Sorel, P.Q.
Steel Co. of Canada	Hamilton, Ont.
The Indiana Steel Products Co. of Canada Ltd.	Kitchener, Ont.
Vancouver Steel Co. Ltd.	Vancouver, B.C.
Victoria Machinery Depot Co. Ltd.	Victoria, B.C.
Welland Electric Steel Foundry	Welland, Ont.

Ferro Alloys

Canadian Carborundum Co. Ltd.	Niagara Falls, Ont.
Chromium Mining & Smelting Corp. Ltd.	Beauharnois, P.Q.
Exelon Company	Thorold, Ont.
Lionite Abrasive Ltd.	Niagara Falls, Ont.
Norton Company	Chippawa, Ont.
Simonds Canada Abrasives Co.	Arvida, P.Q.
Union Carbide Canada Ltd. (Metals & Carbon Div. Beauharnois Plant)	Beauharnois, P.Q.
Union Carbide Canada Ltd. (Metals & Carbon Div. Wellant Plant)	Welland, Ont.

Steel Pipes, Tubes and Fittings

Alberta Phoenix Tube & Pipe Ltd.	Edmonton, Alta.
Associated Tube Industries (Coldwater) Ltd.	Scarborough, Ont.
Barton Tubes Limited	Burlington, Ont.
Big Inch Corporation	Calgary, Alta.
Burlington Steel Co. Ltd.	Hamilton, Ont.
Camrose Tubes	Camrose, Alta.
Canadian Acme Screw & Gear Co.	Toronto, Ont.
Canadian Coupling & Fitting Ltd.	Simcoe, Ont.
Canadian Western Pipe Mills Ltd.	Port Moody, B.C.
Crane Limited	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Interprovincial Steel & Pipe Corp. Ltd. (Prairie Pipe Div.)	Regina, Sask.
Ladish Co. of Canada Ltd.	Brantford, Ont.
Mannesmann Tube Co. Ltd.	Sault Ste. Marie, Ont.
Page-Hersey Tubes Ltd.	Toronto, Ont.
Sasco Tubes Ltd.	Toronto, Ont.
Sonco Steel Products Ltd.	Toronto, Ont.
Standard Fittings (Canada) Ltd.	Toronto, Ont.
Standard Tube & T.I. Ltd.	Woodstock, Ont.
The Steel Co. of Canada Ltd.	Hamilton, Ont.
Taylor Forge & Pipe Works of Canada Ltd.	Hamilton, Ont.
Tubular Steel Products Ltd.	Toronto, Ont.
Tube Turns of Canada Ltd.	Ridgetown, Ont.
Welland Tubes Ltd.	Toronto, Ont.

Rolled Steel Products

Algoma Steel Corp. Ltd.	Sault Ste. Marie, Ont.
Atlas Steels	Welland, Ont.
Burlington Steel Co. Ltd.	Hamilton, Ont.
The Canadian Drawn Steel Co. Ltd.	Hamilton, Ont.
Canadian Sheet Galvanizers Ltd.	Montreal, P.Q.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corp. Ltd.	Sydney, N.S.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Weston, Toronto, Ont.
Enamel & Heating Products Ltd.	Amherst, N.S.
Interprovincial Steel & Pipe Corp. Ltd. (Prairie Pipe Div.)	Regina, Sask.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Premier Steel Mills Ltd.	Edmonton, Alta.
Stanley Steel Co. Ltd.	Hamilton, Ont.
Steel Co. of Canada	Hamilton, Ont.
Union Drawn Steel Co. Ltd.	Hamilton, Ont.
Vanadium Alloys Steel Canada Ltd.	London, Ont.
Vancouver Rolling Mills Ltd.	Vancouver, B.C.
Vic Metals Inc.	Victoriaville, P.Q.



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL
FEBRUARY 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6523-502-22

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 2

TABLE 1. Description of Iron Blast Furnaces(1) at end of February, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	12	3,865,800	78.8
Banked	1	190,000	3.9
Blown out	4	849,100	17.3
Totals	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	February, 1962	Two months ended February, 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	58,840	127,338
From foreign mines	138,177	289,071
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	102,534	219,249
From foreign mines	183,395	353,279
From own processing	123,518	279,470
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	13,477	29,678
Scrap iron and steel	4,285	10,413
Limestone	53,941	108,987
Dolomite	27,629	51,193
Coke	238,907	495,460

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, February

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	286,417	2,983	340,535	1,785
Foundry (including silvery pig) (2)	28,998	7,270	28,271	12,132
Malleable	7,909	13,501	24,330	16,095
Total pig iron	323,324	23,754	393,136	30,012
Ferro-alloys	7,786	6,929	9,255	8,531
Stocks of pig iron on hand at end of month	339,015		406,958	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Two Months Ended February

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	586,337	4,919	701,725	4,678
Foundry (including silvery pig) (2)	53,063	14,240	60,624	24,050
Malleable	14,952	26,889	49,662	33,414
Total pig iron	654,352	46,048	812,011	62,142
Ferro-alloys	16,417	15,077	18,693	17,066

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	February		Two months ended February	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	289,967	330,459	583,328	694,497
Scrap - Own make	133,398	148,485	265,260	307,840
Purchased	100,358	123,040	180,457	247,532
Total pig iron and scrap	523,723	601,984	1,029,045	1,249,869

TABLE 7. Production and Shipments of Steel Ingots and Castings, February

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	423,641	291	471,273	214
Electric	40,882	7,872	52,638	7,541
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	464,523	8,163	523,911	7,755
Alloy steel ingots included in above	23,457	503	25,121	671
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	173	173	192	192
Electric	7,713	6,542	9,685	9,223
Other	-	-	-	-
Total steel castings	7,886	6,715	9,877	9,415
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	188	162	241	212
High alloy, manganese and abrasion resistant ...	1,364	1,139	1,483	1,424
All other alloys	330	223	285	236
Total alloy castings	1,882	1,524	2,009	1,872

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Two Months Ended February

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	829,268	613	982,289	342
Electric	85,846	13,755	107,665	15,822
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	915,114	14,368	1,089,954	16,164
Alloy steel ingots included in above	43,058	745	52,386	1,381
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	346	346	543	543
Electric	14,337	13,947	19,343	17,750
Other	-	-	-	-
Total steel castings	14,683	14,293	19,886	18,293
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	386	343	559	426
High alloy, manganese and abrasion resistant ...	2,446	2,208	2,922	2,913
All other alloys	824	740	545	558
Total alloy castings	3,656	3,291	4,026	3,897

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	February, 1962		Two months ended February, 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	-
All other	30	235	35	393
Automotive industries	152	6	325	13
Agricultural, including implement and equipment manufacturers	64	26	150	54
Machinery and tools	1,546	236	2,997	584
Mining, lumbering and quarrying industries	686	814	1,445	1,757
Oil and gas, including refineries	74	13	153	36
National defence	2	6	6	23
Public works and public utilities	15	13	23	39
Railway operating	4,689	172	8,658	300
Railway cars and locomotives	91	27	221	45
Shipbuilding	93	6	153	8
Miscellaneous and unclassified	101	318	230	645
Total shipments	7,543	1,872	14,396	3,897

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, February

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	17,370	10,157	14,064	12,109
Over 4 1/2" outside diameter (including all sizes of casing)	32,599	34,511	11,486	9,573
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,455	5,524	5,153	5,378
Totals	55,424	50,192	30,703	27,060
<u>Steel pipe fittings:</u>				
Buttwelding fittings	25	39	80	66
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	264	418	373	503
Totals	289	457	453	569

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Two Months Ended February

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	27,807	20,522	28,117	23,939
Over 4 1/2 " outside diameter (including all sizes of casing)	85,928	88,003	19,623	19,157
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	10,153	10,396	10,885	11,574
Totals	123,888	118,921	58,625	54,670
<u>Steel pipe fittings:</u>				
Buttwelding fittings	75	92	170	143
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	645	908	751	957
Totals	720	1,000	921	1,100

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, February, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	7,543	6,845	6,845	-
For forging and piercing	20,906	16,626	-	16,626
Rails	19,750	17,886	-	17,886
Wire rods	29,335	29,062	-	29,062
Structural shapes:				
Heavy, including piling	26,184	25,195	-	25,195
Light	7,370	5,115	-	5,115
Concrete reinforcing bars	34,051	24,365	-	24,365
Other hot rolled bars	31,652	29,148	2,316	26,832
Tie plates and track material:				
Angle bars	1,515	1,645	-	1,645
Tie plates	8,435	6,835	-	6,835
Track spikes	731	750	-	750
Plates (including plates for pipes and tubes)	44,362	40,645	-	40,645
Hot rolled sheets and strip	189,483	189,950	138,685	51,265
Total hot rolled products ..	421,317	394,067	147,846	246,221
<u>Cold rolled and coated:</u>				
Cold finished bars	3,154	3,217	-	3,217
Cold reduced strip	4,523	4,191	-	4,191
Cold reduced sheets, tin mill black plate and tin plate	139,849	134,309	64,164	70,145
Galvanized sheets	33,200	30,265	-	30,265
Total cold rolled and coated .	180,726	171,982	64,164	107,818
Total carbon steel	602,043	566,049	212,010	354,039
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	1,169	1,594	-	1,594
Alloy plates	240	104	-	104
Other hot rolled bars, including high-speed steel and other alloy tool steel	10,270	6,834	44	6,790
Structurals	-	-	-	-
Cold finished bars	521	506	-	506
Wire rods	160	91	-	91
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,204	2,162	-	2,162
Total alloy steel	14,564	11,291	44	11,247

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Two Months Ended February, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	17,369	16,724	16,724	-
For forging and piercing	36,113	30,503	-	30,503
Rails	44,578	37,275	-	37,275
Wire rods	55,910	54,542	-	54,542
Structural shapes:				
Heavy, including piling	48,046	47,349	-	47,349
Light	12,371	12,320	-	12,320
Concrete reinforcing bars	75,832	49,824	-	49,824
Other hot rolled bars	62,235	61,649	5,674	55,975
Tie plates and track material:				
Angle bars	2,673	2,541	-	2,541
Tie plates	12,592	10,931	-	10,931
Track spikes	1,052	1,022	-	1,022
Plates (including plates for pipes and tubes)	80,934	78,412	-	78,412
Hot rolled sheets and strip	411,121	402,956	301,792	101,164
Total hot rolled products ..	860,826	806,048	324,190	481,858
<u>Cold rolled and coated:</u>				
Cold finished bars	6,636	6,729	-	6,729
Cold reduced strip	9,602	8,555	-	8,555
Cold reduced sheets, tin mill black plate and tin plate	288,209	285,199	131,307	153,892
Galvanized sheets	61,363	57,177	-	57,177
Total cold rolled and coated .	365,810	357,660	131,307	226,353
Total carbon steel	1,226,636	1,163,708	455,497	708,211
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	2,012	2,470	-	2,470
Alloy plates	355	160	-	160
Other hot rolled bars, including high-speed steel and other alloy tool steel	20,866	15,716	139	15,577
Structurals	-	-	-	-
Cold finished bars	1,031	1,028	-	1,028
Wire rods	300	213	-	213
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	4,656	4,638	-	4,638
Total alloy steel	29,220	24,225	139	24,086

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		February, 1962		Two months ended February, 1962	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
4	Wholesalers and warehouses	47,836	469	100,431	1,117
5	Direct export:				
	(a) British Commonwealth	2,614	392	4,644	733
	(b) All other	21,891	881	51,243	1,736
6	Automotive industries	22,141	4,287	41,819	9,945
7	Agricultural, including implement and equipment manufacturers	10,697	179	20,296	369
8	Building construction	63,650	164	129,694	241
9	Container industry	24,728	5	60,064	31
10	Machinery and tools	18,540	2,247	36,967	4,455
11	Merchant trade products	33,792	568	65,769	1,765
12	Mining, lumbering, etc.	5,010	1,166	10,566	2,222
13	National defence	259	25	415	47
14	Pressing, forming and stamping	21,921	311	47,447	690
15	Public works and utilities	3,641	-	4,975	-
16	Railway operating	27,224	10	43,418	24
17	Railway cars and locomotives	3,270	180	4,571	194
18	Shipbuilding	9,652	12	14,938	28
19	Pipes and tubes	35,992	351	68,912	489
20	Miscellaneous and unclassified	1,181	-	2,042	-
	Net shipments	354,039	11,247	708,211	24,086

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	226	40	409	6,299	1,434	7,388	4,091
5.	Direct export:							
	(a) British Commonwealth	-	-	-	-	-	2,015	249
	(b) All other	102	239	89	-	-	140	742
6	Automotive industries .	2,771	-	44	93	62	-	5,891
7	Agricultural, etc.	-	-	36	650	655	-	3,529
8	Building construction .	15	64	1,229	13,891	2,022	12,060	1,872
9	Container industry	-	-	20	-	-	-	3
10	Machinery and tools ...	685	58	292	1,180	181	122	4,470
11	Merchant trade	61	-	26,893	33	10	-	6,167
12	Mining, lumbering, etc.	321	849	80	205	3	17	3,735
13	National defence	-	-	-	-	-	244	19
14	Pressing, forming and stamping	-	-	6	208	353	-	549
15	Public works and utilities	-	-	-	207	-	2,356	4
16	Railway operating	-	16,636	55	747	96	-	709
17	Railway cars and locomotives	1,112	-	-	53	6	-	1,277
18	Shipbuilding	2	-	-	1,629	293	-	241
19	Pipes and tubes	12,925	-	-	-	-	-	5
20	Miscellaneous and unclassified	-	-	-	-	-	23	69
	Net shipments	18,220	17,886	29,153	25,195	5,115	24,365	33,622

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,292	6,693	7,438	850	147	7,268	4,730	48,305	4
								5
-	-	506	1	-	6	229	3,006	(a)
4	1,764	3,016	4	-	8,952	7,720	22,772	(b)
-	308	8,665	952	889	5,860	893	26,428	6
-	859	3,001	685	11	1,120	330	10,876	7
2	11,494	3,757	19	227	3,722	13,440	63,814	8
-	-	168	1	62	24,406	73	24,733	9
-	6,386	4,112	490	206	2,321	284	20,787	10
9	15	92	438	13	612	17	34,360	11
89	393	223	49	-	186	26	6,176	12
-	-	2	4	3	12	-	284	13
1	429	5,083	210	1,625	11,509	2,259	22,232	14
-	1,074	-	-	-	-	-	3,641	15
7,833	816	284	3	-	9	46	27,234	16
-	661	294	-	-	47	-	3,450	17
-	7,331	166	2	-	-	-	9,664	18
-	2,520	16,620	-	108	3,971	194	36,343	19
-	6	-	15	900	144	24	1,181	20
9,230	40,749	53,427	3,723	4,191	70,145	30,265	365,286	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	226	77	801	13,035	4,665	15,379	9,649
5	Direct export:							
	(a) British Commonwealth	-	-	103	-	-	3,088	605
	(b) All other	135	8,920	134	37	-	670	2,345
6	Automotive industries .	3,476	-	85	168	64	-	13,357
7	Agricultural, etc.	-	-	52	893	1,230	2	6,854
8	Building construction .	29	159	2,001	25,808	3,767	26,818	4,360
9	Container industry	-	-	29	-	-	-	82
10	Machinery and tools ...	1,217	135	815	2,152	553	122	8,270
11	Merchant trade	732	-	50,514	116	44	-	13,766
12	Mining, lumbering, etc.	691	1,224	129	1,116	11	64	7,226
13	National defence	-	-	-	-	-	393	26
14	Pressing, forming and stamping	-	-	13	294	1,274	1	1,605
15	Public works and utilities	-	-	-	343	-	3,240	109
16	Railway operating	-	26,760	78	1,078	172	8	1,037
17	Railway cars and locomotives	1,129	-	1	284	18	-	1,654
18	Shipbuilding	7	-	-	2,025	522	-	468
19	Pipes and tubes	25,331	-	-	-	-	-	30
20	Miscellaneous and unclassified	-	-	-	-	-	39	109
	Net shipments	32,973	37,275	54,755	47,349	12,320	49,824	71,552

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,292	12,744	14,953	1,804	353	17,092	9,478	101,548	4
								5
-	-	728	3	-	98	752	5,377	(a)
2,023	2,692	5,970	10	-	16,737	13,306	52,979	(b)
-	537	17,479	1,957	1,784	11,268	1,589	51,764	6
-	1,509	5,760	1,335	26	2,336	668	20,665	7
358	23,904	8,771	70	404	8,082	25,404	129,935	8
-	-	331	2	98	59,343	210	60,095	9
-	12,244	8,836	1,078	484	4,988	528	41,422	10
9	33	243	833	56	1,151	37	67,534	11
214	1,087	533	103	-	344	46	12,788	12
-	-	9	18	4	12	-	462	13
1	699	12,029	481	3,247	24,327	4,166	48,137	14
-	1,263	20	-	-	-	-	4,975	15
10,597	2,280	1,034	7	-	26	365	43,442	16
-	1,031	527	18	-	103	-	4,765	17
-	11,508	358	3	-	23	52	14,966	18
-	7,035	28,221	1	614	7,726	443	69,401	19
-	6	-	34	1,485	236	133	2,042	20
14,494	78,572	105,802	7,757	8,555	153,892	57,177	732,297	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	November, 1961	Eleven months ended November, 1961
	net tons of 2,000 pounds	
Pig iron	134,875	553,688
Sprong iron	311	2,539
Steel ingots	30,981	125,335
Blooms, billets, slab steel	2,976	167,508
Iron castings, n.e.s.	610	6,125
Steel castings	110	1,622
Forgings, n.e.s.	1,132	7,716
Bars steel, hot rolled	2,212	35,574
Wire rods steel, hot rolled	137	4,789
Bars steel, cold rolled	239	2,445
Plate steel	1,329	6,405
Sheets and strip, carbon steel, hot rolled	4,658	56,013
Sheets and strip steel, n.e.s.	9,350	131,948
Structural shapes	437	11,942
Rails	10,550	67,597
Cast iron pipe	-	32
Pipes and tubes, iron and steel, n.e.s.	4,467	29,903
Totals	204,374	1,211,181

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Note: Imports of steel shapes usually available for the current month under review have been delayed because of a change in compilation procedure. It is expected that it will be necessary to introduce a lag of two months in the presentation of the monthly import figures and, on this account, January data will be carried in the March issue.

700
CATALOGUE No.

41-001

MONTHLY



CANADA



Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

MARCH 1962

Published by Authority of

The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

6523-502-32

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 3

TABLE 1. Description of Iron Blast Furnaces(1) at end of March, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	12	4,018,800	81.9
Banked	-	-	-
Blown out	5	886,100	18.1
Totals	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	March, 1962	Three months ended March, 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	61,578	188,916
From foreign mines	169,551	458,622
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	112,439	331,688
From foreign mines	206,740	560,019
From own processing	148,920	428,390
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	16,388	46,066
Scrap iron and steel	5,256	15,669
Limestone	62,431	171,418
Dolomite	30,601	81,794
Coke	276,128	771,588

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, March

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	334,466	2,404	382,390	1,933
Foundry (including silvery pig) (2)	31,142	9,265	23,183	15,202
Malleable	23,243	13,653	41,412	15,649
Total pig iron	388,851	25,322	446,985	32,784
Ferro-alloys	10,083	7,712	11,236	11,175
Stocks of pig iron on hand at end of month	359,343		418,629	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Three Months Ended March

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	920,803	7,323	1,084,115	6,611
Foundry (including silvery pig) (2)	84,205	23,505	83,807	39,252
Malleable	38,195	40,542	91,074	49,063
Total pig iron	1,043,203	71,370	1,258,996	94,926
Ferro-alloys	26,500	22,789	29,929	28,241

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	March		Three months ended March	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	339,521	252,475	922,849	946,972
Scrap - Own make	166,825	167,292	432,085	475,132
Purchased	125,718	130,772	306,175	378,304
Total pig iron and scrap	632,064	550,539	1,661,109	1,800,408

TABLE 7. Production and Shipments of Steel Ingots and Castings, March

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	503,691	165	532,915	802
Electric	51,608	7,991	59,251	7,728
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	555,299	8,156	592,166	8,530
Alloy steel ingots included in above	18,383	525	26,526	974
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	200	200	360	360
Electric	9,699	8,532	10,284	11,708
Other	-	-	-	-
Total steel castings	9,899	8,732	10,644	12,068
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	224	169	262	298
High alloy, manganese and abrasion resistant ...	1,488	1,596	1,889	1,776
All other alloys	442	423	331	303
Total alloy castings	2,154	2,188	2,482	2,377

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Three Months Ended March

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	1,332,959	778	1,515,204	1,144
Electric	137,454	21,746	166,916	23,550
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	1,470,413	22,524	1,682,120	24,694
Alloy steel ingots included in above	61,441	1,270	78,912	2,355
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	546	546	903	903
Electric	24,036	22,479	29,627	29,458
Other	-	-	-	-
Total steel castings	24,582	23,025	30,530	30,361
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	610	512	821	724
High alloy, manganese and abrasion resistant ...	3,934	3,804	4,811	4,689
All other alloys	1,266	1,163	876	861
Total alloy castings	5,810	5,479	6,508	6,274

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	March, 1962		Three months ended March, 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	-
All other	52	507	87	900
Automotive industries	192	21	517	34
Agricultural, including implement and equipment manufacturers	104	28	254	82
Machinery and tools	1,413	325	4,410	909
Mining, lumbering and quarrying industries	1,067	794	2,512	2,551
Oil and gas, including refineries	102	21	255	57
National defence	15	10	21	33
Public works and public utilities	8	20	31	59
Railway operating	5,767	183	14,425	483
Railway cars and locomotives	670	46	891	91
Shipbuilding	139	8	292	16
Miscellaneous and unclassified	162	414	392	1,059
Total shipments	9,691	2,377	24,087	6,274

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	585,235	10,644	595,879
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, March

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	18,086	17,079	18,055	13,702
Over 4 1/2" outside diameter (including all sizes of casing)	52,758	55,991	16,932	16,387
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	6,845	6,822	6,526	8,868
Totals	77,689	79,892	41,513	38,957
<u>Steel pipe fittings:</u>				
Buttwelding fittings	47	51	97	152
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	461	508	453	491
Totals	508	559	550	643

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Three Months Ended March

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	45,893	37,601	46,172	37,641
Over 4 1/2 " outside diameter (including all sizes of casing)	138,686	143,994	36,555	35,544
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	16,998	17,218	17,411	20,442
Totals	201,577	198,813	100,138	93,627
<u>Steel pipe fittings:</u>				
Buttwelding fittings	122	143	267	295
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	1,106	1,416	1,204	1,448
Totals	1,228	1,559	1,471	1,743

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, March, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	11,795	13,054	13,054	-
For forging and piercing	18,234	21,257	-	21,257
Rails	15,993	17,400	-	17,400
Wire rods	29,058	29,226	-	29,226
Structural shapes:				
Heavy, including piling	29,296	26,615	-	26,615
Light	5,701	6,829	-	6,829
Concrete reinforcing bars	33,442	29,311	-	29,311
Other hot rolled bars	35,645	37,637	3,863	33,774
Tie plates and track material:				
Angle bars	893	943	-	943
Tie plates	6,327	6,342	-	6,342
Track spikes	631	805	-	805
Plates (including plates for pipes and tubes)	52,562	54,367	-	54,367
Hot rolled sheets and strip	210,185	200,388	140,324	60,064
Total hot rolled products ..	449,762	444,174	157,241	286,933
<u>Cold rolled and coated:</u>				
Cold finished bars	3,404	3,517	-	3,517
Cold reduced strip	5,878	5,516	-	5,516
Cold reduced sheets, tin mill black plate and tin plate	149,678	155,020	69,163	85,857
Galvanized sheets	29,311	33,229	-	33,229
Total cold rolled and coated .	188,271	197,282	69,163	128,119
Total carbon steel	638,033	641,456	226,404	415,052
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	1,271	1,172	-	1,172
Alloy plates	21	12	-	12
Other hot rolled bars, including high-speed steel and other alloy tool steel	9,169	9,466	184	9,282
Structurals	-	-	-	-
Cold finished bars	639	713	-	713
Wire rods	238	175	-	175
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,812	2,832	-	2,832
Total alloy steel	14,150	14,370	184	14,186

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Three Months Ended March, 1962

March, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	29,164	29,778	29,778	-
For forging and piercing	54,347	51,760	-	51,760
Rails	60,571	54,675	-	54,675
Wire rods	84,968	83,768	-	83,768
Structural shapes:				
Heavy, including piling	77,342	73,964	-	73,964
Light	18,072	19,149	-	19,149
Concrete reinforcing bars	109,274	79,135	-	79,135
Other hot rolled bars	97,880	99,286	9,537	89,749
Tie plates and track material:				
Angle bars	3,566	3,484	-	3,484
Tie plates	18,919	17,273	-	17,273
Track spikes	1,683	1,827	-	1,827
Plates (including plates for pipes and tubes)	133,496	132,779	-	132,779
Hot rolled sheets and strip	621,306	603,344	442,116	161,228
Total hot rolled products ..	1,310,588	1,250,222	481,431	768,791
<u>Cold rolled and coated:</u>				
Cold finished bars	10,040	10,246	-	10,246
Cold reduced strip	15,480	14,071	-	14,071
Cold reduced sheets, tin mill black plate and tin plate	437,887	440,219	200,470	239,749
Galvanized sheets	90,674	90,406	-	90,406
Total cold rolled and coated .	554,081	554,942	200,470	354,472
Total carbon steel	1,864,669	1,805,164	681,901	1,123,263
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	3,283	3,642	-	3,642
Alloy plates	376	172	-	172
Other hot rolled bars, including high-speed steel and other alloy tool steel	30,035	25,182	323	24,859
Structurals	-	-	-	-
Cold finished bars	1,670	1,741	-	1,741
Wire rods	538	388	-	388
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	7,468	7,470	-	7,470
Total alloy steel	43,370	38,595	323	38,272

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		March, 1962		Three months ended March, 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	58,644	875	159,075	1,992
5	Direct export:				
	(a) British Commonwealth	1,168	477	5,812	1,210
	(b) All other	25,527	1,340	76,770	3,076
6	Automotive industries	21,547	4,671	63,366	14,616
7	Agricultural, including implement and equipment manufacturers	8,913	491	29,209	860
8	Building construction	73,481	129	203,175	370
9	Container industry	37,722	53	97,786	84
10	Machinery and tools	17,327	2,557	54,294	7,012
11	Merchant trade products	34,967	1,304	100,736	3,069
12	Mining, lumbering, etc.	5,762	1,753	16,328	3,975
13	National defence	307	33	722	80
14	Pressing, forming and stamping	22,189	402	69,636	1,092
15	Public works and utilities	5,002	-	9,977	-
16	Railway operating	25,748	18	69,166	42
17	Railway cars and locomotives	7,276	19	11,847	213
18	Shipbuilding	11,447	14	26,385	42
19	Pipes and tubes	56,522	50	125,434	539
20	Miscellaneous and unclassified	1,503	-	3,545	-
	Net shipments	415,052	14,186	1,123,263	38,272

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	188	272	639	6,012	2,594	7,422	8,246
5	Direct export:							
	(a) British Commonwealth	-	-	47	-	-	819	220
	(b) All other	53	178	45	54	23	1,387	1,806
6	Automotive industries .	2,097	-	31	28	79	-	7,598
7	Agricultural, etc.	-	-	3	349	621	-	3,387
8	Building construction .	42	87	832	14,780	2,280	16,113	3,147
9	Container industry	-	-	14	-	-	-	4
10	Machinery and tools ...	2,286	56	411	492	198	477	4,157
11	Merchant trade	689	-	27,309	8	208	-	6,857
12	Mining, lumbering, etc.	181	564	58	381	45	32	4,573
13	National defence	-	-	-	-	-	167	17
14	Pressing, forming and stamping	43	-	9	63	439	-	917
15	Public works and utilities	-	-	1	1,688	11	2,893	28
16	Railway operating	9	16,183	1	400	82	1	954
17	Railway cars and locomotives	1,965	58	-	950	201	-	644
18	Shipbuilding	-	2	-	1,410	23	-	393
19	Pipes and tubes	14,876	-	-	-	-	-	-
20	Miscellaneous and unclassified	-	-	1	-	25	-	108
	Net shipments	22,429	17,400	29,401	26,615	6,829	29,311	43,056

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
97	7,571	9,169	1,054	240	9,014	7,001	59,519	4
								5
-	-	535	1	-	23	-	1,645	(a)
-	1,401	1,958	4	-	12,661	7,297	26,867	(b)
-	134	6,641	1,095	1,183	6,690	642	26,218	6
-	507	2,384	712	17	1,144	280	9,404	7
2	12,181	4,500	41	324	4,465	14,816	73,610	8
-	3,676	403	1	59	33,451	167	37,775	9
-	4,333	3,913	546	353	2,437	225	19,884	10
2	-	103	470	12	513	100	36,271	11
255	801	245	59	-	321	-	7,515	12
-	1	5	11	132	7	-	340	13
-	341	5,957	204	1,870	10,553	2,195	22,591	14
-	199	133	-	-	49	-	5,002	15
7,733	330	-	6	-	-	67	25,766	16
-	1,915	1,114	-	-	154	294	7,295	17
-	9,430	181	5	-	-	17	11,461	18
-	11,559	25,655	-	141	4,213	128	56,572	19
1	-	-	21	1,185	162	-	1,503	20
8,090	54,379	62,896	4,230	5,516	85,857	33,229	429,238	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three Months Ended March, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	414	349	1,440	19,047	7,259	22,801	17,895
5	Direct export:							
	(a) British Commonwealth	-	-	150	-	-	3,907	825
	(b) All other	188	9,098	179	91	23	2,057	4,151
6	Automotive industries .	5,573	-	116	196	143	-	20,955
7	Agricultural, etc.	-	-	55	1,242	1,851	2	10,241
8	Building construction .	71	246	2,833	40,588	6,047	42,931	7,507
9	Container industry	-	-	43	-	-	-	86
10	Machinery and tools ...	3,503	191	1,226	2,644	751	599	12,427
11	Merchant trade	1,421	-	77,823	124	252	-	20,623
12	Mining, lumbering, etc.	872	1,788	187	1,497	56	96	11,799
13	National defence	-	-	-	-	-	560	43
14	Pressing, forming and stamping	43	-	22	357	1,713	1	2,522
15	Public works and utilities	-	-	1	2,031	11	6,133	137
16	Railway operating	9	42,943	79	1,478	254	9	1,991
17	Railway cars and locomotives	3,094	58	1	1,234	219	-	2,298
18	Shipbuilding	7	2	-	3,435	545	-	861
19	Pipes and tubes	40,207	-	-	-	-	-	30
20	Miscellaneous and unclassified	-	-	1	-	25	39	217
	Net shipments	55,402	54,675	84,156	73,964	19,149	79,135	114,608

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three Months Ended March, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,389	20,315	24,122	2,858	593	26,106	16,479	161,067	4
								5
-	-	1,263	4	-	121	752	7,022	(a)
2,023	4,093	7,928	14	-	29,398	20,603	79,846	(b)
-	671	24,120	3,052	2,967	17,958	2,231	77,982	6
-	2,016	8,144	2,047	43	3,480	948	30,069	7
360	36,085	13,271	111	728	12,547	40,220	203,545	8
-	3,676	734	3	157	92,794	377	97,870	9
-	16,577	12,749	1,624	837	7,425	753	61,306	10
11	33	346	1,303	68	1,664	137	103,805	11
469	1,888	778	162	-	665	46	20,303	12
-	1	14	29	136	19	-	802	13
1	1,040	17,986	685	5,117	34,880	6,361	70,728	14
-	1,462	153	-	-	49	-	9,977	15
18,330	2,610	1,034	13	-	26	432	69,208	16
-	2,946	1,641	18	-	257	294	12,060	17
-	20,938	539	8	-	23	69	26,427	18
-	18,594	53,876	1	755	11,939	571	125,973	19
1	6	-	55	2,670	398	133	3,545	20
22,584	132,951	168,698	11,987	14,071	239,749	90,406	1,161,535	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	December, 1961	Twelve months ended December, 1961
	net tons of 2,000 pounds	
Pig iron	45,670	599,358
Sponge iron	278	2,817
Steel ingots	33,069	158,404
Blooms, billets, slab steel	520	168,028
Iron castings, n.e.s.	788	6,913
Steel castings	149	1,771
Forgings, n.e.s.	1,067	8,783
Bars steel, hot rolled	2,128	37,702
Wire rods steel, hot rolled	810	5,599
Bars steel, cold rolled	228	2,673
Plate steel	6,080	12,540 ^r
Sheets and strip, carbon steel, hot rolled	4,272	62,799 ^r
Sheets and strip steel, n.e.s.	14,222	143,601 ^r
Structural shapes	3,062	15,004
Rails	2,715	70,312
Cast iron pipe	-	32
Pipes and tubes, iron and steel, n.e.s.	7,281	37,184
Totals	122,339	1,333,520

(1) Customs clearance, latest available.

^r Revised figures.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

From	January, 1962		
	Carbon	Alloy	Stainless
	net tons of 2,000 pounds		
United States	22,257	3,647	919.4
United Kingdom	5,163	161	268.8
Australia	856	-	-
Austria	29	1	-
Belgium(1)	3,978	-	-
Czechoslovakia	64	-	-
France	941	-	18.0
Germany	1,293	4	.4
Japan	4,388	-	44.3
Netherlands	15	-	-
Norway	12	-	-
Sweden	29	30	47.7
Switzerland	154	-	-
Totals	39,179	3,843	1,298.6

(1) Includes Luxembourg.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Ingots and semi-finished:</u>				
Ingots	United States	47	8	19.7
Billets, blooms, slabs and sheet bars ..	United States	415	48	96.3
	United Kingdom	178	1	-
Tool steel ingots	United States	-	61	-
Tool steel billets	United States	3	6	-
	United Kingdom	-	8	-
<u>Bars and rods:</u>				
Concrete reinforcing bars	Belgium	2,452	-	-
	Germany	274	-	-
	Japan	1,567	-	-
Hot rolled bars n.e.s.	United States	632	434	9.6
	United Kingdom	41	16	25.2
	Australia	124	-	-
	Belgium	269	-	-
	Japan	33	-	-
	Sweden	-	2	1.9
Hot rolled bars for agricultural implements	United States	36	-	-
	United Kingdom	13	-	-
Rounds over 4 7/8", squares over 4"	United States	76	1	-
	United Kingdom	23	4	-
Wire rods, steel, hot rolled	United States	11	-	-
	United Kingdom	342	-	-
	Australia	438	-	-
	Belgium	10	-	-
	France	454	-	-
	Germany	72	-	-
Cold rolled bars n.e.s.	United States	65	35	13.8
	United Kingdom	138	1	.6
	Belgium	109	-	-
Cold rolled bars for agricultural implements	United States	46	-	-
Bars and rods, tool steel	United States	236	36	-
	United Kingdom	15	24	-
	Austria	-	1	-
	Sweden	1	26	-
<u>Plates:</u>				
60" and under in width	United States	228	223	43.2
	United Kingdom	13	-	44.0
	Australia	160	-	-
	Belgium	3	-	-
	Germany	76	-	-
	Japan	264	-	-
	Sweden	4	-	2.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Plates - Concluded:</u>				
Over 60" up to and including 100" in width	United States	541	378	98.7
	United Kingdom	13	-	-
	Australia	25	-	-
	Germany	452	-	-
	Japan	70	-	-
	Sweden	-	1	8.2
Over 100" in width	United States	156	3	7.7
Floor plate, carbon steel	United States	315	-	-
	United Kingdom	115	-	-
	Japan	175	-	-
Flanged or dished drilled or not	United States	84	-	-
<u>Plate, sheet and strip, for saws and for pipes and tubes:</u>				
Plate, sheet or strips, not tempered or ground, for saws	United States	123	-	-
	United Kingdom	4	-	-
	France	3	-	-
	Germany	1	-	-
	Sweden	5	-	-
Plate, sheet or strips, hardened, tempered or ground, for saws	United States	9	-	-
	United Kingdom	1	-	-
	Sweden	18	-	-
Carbon steel, cold rolled, for pipes and tubes	United States	11	-	-
<u>Sheets and strip (except stainless steel):</u>				
Hot rolled under 24" in width	United States	356	20	-
	United Kingdom	16	-	-
	Belgium	72	-	-
	Japan	1	-	-
Hot rolled 24" to 51" in width	United States	467	12	-
	Australia	19	-	-
	Germany	11	-	-
	Japan	80	-	-
Hot rolled over 51" in width	United States	786	-	-
Cold rolled under 24" in width	United States	318	8	-
	United Kingdom	23	-	-
	Sweden	1	-	-
Cold rolled 24" to 51" in width	United States	517	-	-
Cold rolled over 51" in width	United States	799	-	-
Finished for porcelain enamelling	United States	742	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
<u>Sheets and strip (except stainless steel) - Concluded</u>				
Tin plate primes	United States	1	-	-
Tin plate electrolytic	United States	55	-	-
Tin plate wasters, seconds or rejects ..	United States	100	-	-
Asbestos bonded (includes galvanized) ..	United States	53	-	-
	United Kingdom	8	-	-
Electro-galvanized	United States	159	-	-
Galvanized n.e.s.	United States	220	-	-
	United Kingdom	11	-	-
	Japan	67	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States	758	-	-
	United Kingdom	58	-	-
Aluminized	United States	403	-	-
Metal coated n.e.s.	United States	76	-	-
Coated n.e.s.	United States	534	-	-
	United Kingdom	5	-	-
<u>Sheets and strip, stainless and silicon:</u>				
<u>Hot rolled stainless:</u>				
Under 18" in width 18 gauge and heavier	United States	-	-	.5
18" to 60" in width 18 gauge and heavier	United States	-	-	5.5
	United Kingdom	-	-	98.1
	Sweden	-	-	33.7
18" to 60" in width lighter than 18 gauge	United States	-	-	.6
	United Kingdom	-	-	6.7
Over 60" in width	United States	-	-	1.1
<u>Cold rolled stainless:</u>				
Under 18" in width 18 gauge and heavier	United States	-	-	36.6
	United Kingdom	-	-	1.3
Under 18" in width lighter than 18 gauge	United States	-	-	80.6
	Germany	-	-	.3
	Japan	-	-	.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Sheets and strip, stainless and silicon - Concluded:</u>				
<u>Cold rolled stainless - Concluded:</u>				
18" to 51" in width 18 gauge and heavier	United States	-	-	258.2
	United Kingdom	-	-	44.8
	Japan	-	-	10.6
18" to 51" in width lighter than 18 gauge	United States	-	-	132.3
	United Kingdom	-	-	38.1
	France	-	-	18.0
	Japan	-	-	29.8
Over 51" in width n.e.s.	United States	-	-	9.8
Electrical 2.90 silicon or over	United States	-	1,907	-
Electrical n.e.s.	United States	-	129	-
<u>Structurals and sections:</u>				
Wide flange beams over 24" in depth or web	United States	1,618	-	-
	United Kingdom	71	-	-
Bearing piling	United States	210	-	-
	United Kingdom	33	-	-
Wide flange beams n.e.s.	United States	4,902	-	-
	United Kingdom	882	-	-
	Belgium	9	-	-
	Germany	53	-	-
Structural shapes large sizes n.e.s. ...	United States	1,229	-	-
	United Kingdom	359	-	-
	Belgium	255	-	-
Structural shapes intermediate sizes n.e.s.	United States	250	-	-
	United Kingdom	143	-	-
	Belgium	331	-	-
	France	45	-	-
Structural shapes bar sizes n.e.s.	United States	151	34	-
	United Kingdom	68	1	-
	Belgium	254	-	-
	France	33	-	-
	Sweden	-	1	-
Sheet piling	United States	220	-	-
	United Kingdom	163	-	-
Sash, casement or frame sections, not punched, drilled nor further manufactured for metal window frames	United States	22	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Rails, railway track material, steel wheels and tires:</u>				
Axles, axle bars, axle blanks and parts for railway vehicles	United States	2	-	-
Tires of steel in the rough for railway vehicles	United States	19	-	-
Steel wheels for use on railway rolling stock	United States	4	-	-
	United Kingdom	40	-	-
Rails 60 lb. and under per lineal yard	Germany	8	-	-
Rails over 60 lb. up to and including 100 lb. per lineal yard	United States	3	-	-
Rails over 100 lb. per lineal yard	United States	2	-	-
Fish plates, splice bars, rail joints and tie plates iron and steel	United States	6	-	-
	United Kingdom	1	-	-
Railway track material n.e.s.	United States	31	-	-
<u>Pipes and tubes:</u>				
Cast iron	United States	15	-	-
	United Kingdom	104	-	-
	Australia	90	-	-
Drill pipe	United States	205	-	-
Oil country tubing 3 1/2" O.D. and under	United States	256	-	-
	United Kingdom	361	-	-
	France	178	-	-
	Japan	228	-	-
Casting, J-55 and H-40	United States	522	-	-
	United Kingdom	223	-	-
	Japan	599	-	-
Casing, all other	United States	137	-	-
	Japan	123	-	-
<u>Seamless hot-finished:</u>				
Up to and including 6-5/8" O.D.	United States	118	10	23.2
	Japan	27	-	-
Over 6-5/8" up to and including 10-1/2" O.D.	United States	9	-	-
Over 10-1/2" up to and including 16" O.D.	United States	205	-	-
Over 16" O.D.	United States	74	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Pipes and tubes - Concluded:</u>				
Mechanical tubing	United States	1,280	149	4.2
	United Kingdom	48	49	-
	Germany	32	4	-
<u>For pressure parts of boilers:</u>				
Seamless hot-finished	United States	130	47	-
	United Kingdom	-	29	-
Seamless cold-drawn	United States	-	-	.4
Welded	United States	36	-	2.9
	United Kingdom	11	-	-
	Germany	9	-	-
	Switzerland	154	-	-
Seamless cold-drawn n.e.s.	United States	182	4	15.1
	United Kingdom	51	8	8.0
	France	6	-	-
	Japan	33	-	3.8
Welded n.e.s. 4 1/2" O.D. and under	United States	245	-	17.1
	United Kingdom	270	-	1.0
	France	183	-	-
	Japan	119	-	-
Welded n.e.s. over 4 1/2" up to and including 16" O.D.	United States	28	-	.2
Welded n.e.s. over 16" O.D.	United States	36	-	-
Spiral welded	United States	115	-	-
<u>Wire and wire products:</u>				
Welding rods	United States	65	50	16.3
	United Kingdom	4	20	-
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States	25	39	4.7
Wire n.e.s.	United States	90	5	13.7
	United Kingdom	39	-	1.0
	Austria	29	-	-
	Belgium	187	-	-
	Czechoslovakia	64	-	-
	France	2	-	-
	Germany	38	-	.1
	Japan	296	-	-
	Sweden	-	-	1.6
Galvanized fencing wire	United Kingdom	179	-	-
	France	27	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Wire and wire products - Concluded:</u>				
Galvanized n.e.s.	United States	45	-	-
	United Kingdom	62	-	-
	Belgium	20	-	-
	Germany	10	-	-
	Japan	136	-	-
Coated or covered with any material n.e.s.	United States	51	-	7.2
	United Kingdom	38	-	-
	Japan	1	-	-
	Netherlands	2	-	-
Wire rope	United States	103	-	.2
	United Kingdom	196	-	-
	Belgium	7	-	-
	Germany	9	-	-
	Japan	252	-	-
	Netherlands	13	-	-
	Norway	12	-	-
Wire, steel, spring, for mattresses, cushions or upholstery	United States	25	-	-
	Japan	123	-	-
Wire, steel, valued at not less than 2-3/4 cents per pound, for wire rope	United States	34	-	-
	United Kingdom	979	-	-
	France	10	-	-
	Germany	248	-	-
	Japan	194	-	-
Totals		39,179	3,843	1298.6

CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of
PRIMARY IRON AND STEEL
APRIL 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6523-502-42

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 4

TABLE 1. Description of Iron Blast Furnaces(1) at End of April, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	13	4,055,800	82.7
Banked	-	-	-
Blown out	4	849,100	17.3
Totals	17	4,904,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	April, 1962	Four months ended April, 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	79,839	268,755
From foreign mines	179,339	637,961
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	114,118	445,806
From foreign mines	198,588	758,607
From own processing	109,699	538,089
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	16,811	62,877
Scrap iron and steel	7,011	22,680
Limestone	67,754	239,172
Dolomite	31,545	113,339
Coke	286,577	1,058,165

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, April

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	360,386	11,830	386,170	1,684
Foundry (including silvery pig) (2)	31,565	9,708	25,585	13,223
Malleable	20,071	12,482	39,677	38,538
Total pig iron	412,022	34,020	451,432	53,445
Ferro-alloys	8,638	11,185	12,023	11,003
Stocks of pig iron on hand at end of month	399,781		426,569	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Four Months Ended April

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	1,281,189	19,153	1,470,285	8,295
Foundry (including silvery pig) (2)	115,770	33,213	109,392	52,475
Malleable	58,266	53,024	130,751	87,601
Total pig iron	1,455,225	105,390	1,710,428	148,371
Ferro-alloys	35,138	33,974	41,952	39,244

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	April		Four months ended April	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	332,226	264,701	1,255,075	1,211,673
Scrap - Own make	158,711	138,197	590,796	613,329
Purchased	128,066	137,633	434,241	515,937
Total pig iron and scrap	619,003	540,531	2,280,112	2,340,939

TABLE 7. Production and Shipments of Steel Ingots and Castings, April

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	492,075	253	530,962	7,818
Electric	53,333	8,086	54,608	8,347
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	545,408	8,339	585,570	16,165
Alloy steel ingots included in above	18,158	344	22,848	859
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	264	208	357	357
Electric	8,474	7,894	11,732	9,649
Other	22	12	-	-
Total steel castings	8,760	8,114	12,089	10,006
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	198	224	289	209
High alloy, manganese and abrasion resistant ...	1,308	1,309	1,638	1,426
All other alloys	359	332	595	615
Total alloy castings	1,865	1,865	2,522	2,250

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Four Months Ended April

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	1,825,034	1,031	2,046,166	8,962
Electric	190,787	29,832	221,524	31,897
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	2,015,821	30,863	2,267,690	40,859
Alloy steel ingots included in above	79,599	1,614	101,760	3,214
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	810	754	1,260	1,260
Electric	32,510	30,373	41,359	39,107
Other	22	12	-	-
Total steel castings	33,342	31,139	42,619	40,367
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	808	736	1,110	933
High alloy, manganese and abrasion resistant ...	5,242	5,113	6,449	6,115
All other alloys	1,625	1,495	1,471	1,476
Total alloy castings	7,675	7,344	9,030	8,524

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	April, 1962		Four months ended April, 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	-
All other	160	329	247	1,229
Automotive industries	169	15	686	49
Agricultural, including implement and equipment manufacturers	130	28	384	110
Machinery and tools	1,459	308	5,869	1,217
Mining, lumbering and quarrying industries	502	950	3,014	3,501
Oil and gas, including refineries	118	13	373	70
National defence	1	1	22	34
Public works and public utilities	48	23	79	82
Railway operating	3,569	212	17,994	695
Railway cars and locomotives	1,385	49	2,276	140
Shipbuilding	47	1	339	17
Miscellaneous and unclassified	168	321	560	1,380
Total shipments	7,756	2,250	31,843	8,524

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
net tons of 2,000 pounds					
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166 ^r	10,644	602,810 ^r
April	451,432	12,023	585,570	12,089	597,659
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

^r Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, April

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	8,063	14,070	19,105	14,670
Over 4 1/2" outside diameter (including all sizes of casing)	44,857	35,969	16,114	9,930
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,801	5,113	7,036	6,757
Totals	58,721	55,152	42,255	31,357
<u>Steel pipe fittings:</u>				
Buttwelding fittings	67	90	119	91
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	399	403	437	500
Totals	466	493	556	591

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Four Months Ended April

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	53,956	51,671	65,277	52,311
Over 4 1/2 " outside diameter (including all sizes of casing)	183,543	179,963	52,669	45,474
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	22,799	22,331	24,447	27,199
Totals	260,298	253,965	142,393	124,984
<u>Steel pipe fittings:</u>				
Buttwelding fittings	189	233	386	386
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	1,505	1,819	1,641	1,948
Totals	1,694	2,052	2,027	2,334

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, April, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	6,735	6,780	6,780	-
For forging and piercing	17,743	19,060	-	19,060
Rails	21,375	19,733	-	19,733
Wire rods	27,694	26,636	-	26,636
Structural shapes:				
Heavy, including piling	31,763	28,998	-	28,998
Light	6,261	5,468	-	5,468
Concrete reinforcing bars	24,548	27,618	-	27,618
Other hot rolled bars	25,476	24,691	1,849	22,842
Tie plates and track material:				
Angle bars	1,738	1,696	-	1,696
Tie plates	7,457	7,288	-	7,288
Track spikes	922	1,237	-	1,237
Plates (including plates for pipes and tubes)	53,384	52,141	-	52,141
Hot rolled sheets and strip	208,944	197,188	139,741	57,447
Total hot rolled products ..	434,040	418,534	148,370	270,164
<u>Cold rolled and coated:</u>				
Cold finished bars	3,359	3,575	-	3,575
Cold reduced strip	4,623	4,027	-	4,027
Cold reduced sheets, tin mill black plate and tin plate	148,825	143,909	65,621	78,288
Galvanized sheets	31,023	27,074	-	27,074
Total cold rolled and coated .	187,830	178,585	65,621	112,964
Total carbon steel	621,870	597,119	213,991	383,128
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	1,795	2,046	-	2,046
Alloy plates	270	275	-	275
Other hot rolled bars, including high-speed steel and other alloy tool steel	4,969	5,728	37	5,691
Structurals	-	-	-	-
Cold finished bars	399	425	-	425
Wire rods	88	149	-	149
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,459	2,490	-	2,490
Total alloy steel	9,980	11,113	37	11,076

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Four Months Ended April, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	35,899	36,558	36,558	-
For forging and piercing	72,090	70,820	-	70,820
Rails	81,946	74,408	-	74,408
Wire rods	112,662	110,404	-	110,404
Structural shapes:				
Heavy, including piling	109,105	102,962	-	102,962
Light	24,333	24,617	-	24,617
Concrete reinforcing bars	133,822	106,753	-	106,753
Other hot rolled bars	123,356	123,977	11,386	112,591
Tie plates and track material:				
Angle bars	5,304	5,180	-	5,180
Tie plates	26,376	24,561	-	24,561
Track spikes	2,605	3,064	-	3,064
Plates (including plates for pipes and tubes)	186,880	184,920	-	184,920
Hot rolled sheets and strip	830,250	800,532	581,857	218,675
Total hot rolled products ..	1,744,628	1,668,756	629,801	1,038,955
<u>Cold rolled and coated:</u>				
Cold finished bars	13,399	13,821	-	13,821
Cold reduced strip	20,103	18,098	-	18,098
Cold reduced sheets, tin mill black plate and tin plate	586,712	584,128	266,091	318,037
Galvanized sheets	121,697	117,480	-	117,480
Total cold rolled and coated .	741,911	733,527	266,091	467,436
Total carbon steel	2,486,539	2,402,283	895,892	1,506,391
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	5,078	5,688	-	5,688
Alloy plates	646	447	-	447
Other hot rolled bars, including high-speed steel and other alloy tool steel	35,004	30,910	360	30,550
Structurals	-	-	-	-
Cold finished bars	2,069	2,166	-	2,166
Wire rods	626	537	-	537
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	9,927	9,960	-	9,960
Total alloy steel	53,350	49,708	360	49,348

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		April, 1962		Four months ended April, 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	53,542	516	212,617	2,508
5	Direct export:				
	(a) British Commonwealth	1,934	321	7,746	1,531
	(b) All other	16,317	1,225	93,087	4,301
6	Automotive industries	20,322	3,468	83,688	18,084
7	Agricultural, including implement and equipment manufacturers	6,461	128	35,670	988
8	Building construction	76,283	328	279,458	698
9	Container industry	32,140	104	126,250 ^r	188
10	Machinery and tools	19,506	2,809	77,476 ^r	9,821
11	Merchant trade products	28,365	490	129,101	3,559
12	Mining, lumbering, etc.	5,088	964	21,416	4,939
13	National defence	63	14	785	94
14	Pressing, forming and stamping	20,695	301	90,331	1,393
15	Public works and utilities	2,545	-	12,522	-
16	Railway operating	30,127	15	99,293	57
17	Railway cars and locomotives	8,189	65	20,036	278
18	Shipbuilding	7,170	75	33,555	117
19	Pipes and tubes	53,291	253	178,725	792
20	Miscellaneous and unclassified	1,090	-	4,635	-
	Net shipments	383,128	11,076	1,506,391	49,348

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

^r Revised figures - March should have read; Container industry 34,046 tons
Machinery and Tools March should have read; 21,003 tons.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	135	594	7,806	2,191	6,595	6,634
5	Direct export:							
	(a) British Commonwealth	-	-	-	-	-	1,110	518
	(b) All other	156	699	17	12	29	252	1,748
6	Automotive industries .	2,090	-	54	139	47	-	4,361
7	Agricultural, etc.	-	-	30	509	380	-	2,156
8	Building construction .	29	281	1,689	15,090	1,567	17,396	1,292
9	Container industry	-	-	11	-	-	-	26
10	Machinery and tools ...	2,552	29	990	1,143	346	317	3,105
11	Merchant trade	268	-	23,260	196	87	-	3,475
12	Mining, lumbering, etc.	194	591	115	794	37	58	2,914
13	National defence	-	-	-	-	-	3	6
14	Pressing, forming and stamping	-	-	3	101	580	15	500
15	Public works and utilities	-	-	-	525	-	1,870	27
16	Railway operating	14	17,998	22	191	13	-	491
17	Railway cars and locomotives	1,199	-	-	1,565	145	-	731
18	Shipbuilding	2	-	-	907	46	-	372
19	Pipes and tubes	14,602	-	-	20	-	-	42
20	Miscellaneous and unclassified	-	-	-	-	-	2	135
	Net shipments	21,106	19,733	26,785	28,998	5,468	27,618	28,533

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
45	7,601	6,880	948	122	8,905	5,602	54,058	4
								5
-	-	358	5	-	64	200	2,255	(a)
15	926	2,774	2	-	8,222	2,690	17,542	(b)
-	257	7,594	1,136	895	6,431	786	23,790	6
-	382	1,828	402	8	745	149	6,589	7
34	16,158	3,927	28	237	5,209	13,674	76,611	8
-	5	179	2	49	31,819	153	32,244	9
27	6,853	4,114	546	298	1,762	233	22,315	10
-	-	61	454	-	1,009	45	28,855	11
39	774	164	44	-	316	12	6,052	12
-	-	4	5	59	-	-	77	13
-	751	5,393	400	1,481	9,424	2,348	20,996	14
-	255	-132	-	-	-	-	2,545	15
10,038	598	143	1	-	10	623	30,142	16
5	2,472	1,799	2	-	76	260	8,254	17
1	5,609	273	5	-	30	-	7,245	18
-	9,775	24,577	1	94	4,134	299	53,544	19
17	-	1	19	784	132	-	1,090	20
10,221	52,416	59,937	4,000	4,027	78,288	27,074	394,204	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four Months Ended April, 1962

April, 1962

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses	414	484	2,034	26,853	9,450	29,396	24,529
5	Direct export:							
	(a) British Commonwealth	-	-	150	-	-	5,017	1,343
	(b) All other	344	9,797	196	103	52	2,309	5,899
6	Automotive industries .	7,663	-	170	335	190	-	25,316
7	Agricultural, etc.	-	-	85	1,751	2,231	2	12,397
8	Building construction .	100	527	4,522	55,678	7,614	60,327	8,799
9	Container industry	-	-	54	-	-	-	112
10	Machinery and tools ...	6,055	220	2,216	3,787	1,097	916	15,532
11	Merchant trade	1,689	-	101,083	320	339	-	24,098
12	Mining, lumbering, etc.	1,066	2,379	302	2,291	93	154	14,713
13	National defence	-	-	-	-	-	563	49
14	Pressing, forming and stamping	43	-	25	458	2,293	16	3,022
15	Public works and utilities	-	-	1	2,556	11	8,003	164
16	Railway operating	23	60,941	101	1,669	267	9	2,482
17	Railway cars and locomotives	4,293	58	1	2,799	364	-	3,029
18	Shipbuilding	9	2	-	4,342	591	-	1,233
19	Pipes and tubes	54,809	-	-	20	-	-	72
20	Miscellaneous and unclassified	-	-	1	-	25	41	352
	Net shipments	76,508	74,408	110,941	102,962	24,617	106,753	143,141

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four Months Ended April, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,434	27,916	31,002	3,806	715	35,011	22,081	215,125	4
								5
-	-	1,621	9	-	185	952	9,277	(a)
2,038	5,019	10,702	16	-	37,620	23,293	97,388	(b)
-	928	31,714	4,188	3,862	24,389	3,017	101,772	6
-	2,398	9,972	2,449	51	4,225	1,097	36,658	7
394	52,243	17,198	139	965	17,756	53,894	280,156	8
-	5 ^r	913	5	206	124,613	530	126,438 ^r	9
27	27,106 ^r	16,863	2,170	1,135	9,187	986	87,297 ^r	10
11	33	407	1,757	68	2,673	182	132,660	11
508	2,662	942	206	-	981	58	26,355	12
-	1	18	34	195	19	-	879	13
1	1,791	23,379	1,085	6,598	44,304	8,709	91,724	14
-	1,717	21	-	-	49	-	12,522	15
28,368	3,208	1,177	14	-	36	1,055	99,350	16
5	5,418	3,440	20	-	333	554	20,314	17
1	26,547	812	13	-	53	69	33,672	18
-	28,369	78,453	2	849	16,073	870	179,517	19
18	6	1	74	3,454	530	133	4,635	20
32,805	185,367	228,635	15,987	18,098	318,037	117,480	1,555,739	

^r Revised figures - March should have read: SDI 9, Plates, nil, Total 34,099.
SDI 10, Plates 8,009, Total 23,560.

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	January 1962	February 1962	Two months ended February, 1962
net tons of 2,000 pounds			
Pig iron	2,559	2,638	5,197
Sponge iron	333	273	606
Steel ingots	492	543	1,035
Blooms, billets, slab steel	341	184	525
Iron castings, n.e.s.	998	294	1,292
Steel castings	308	144	452
Forgings, n.e.s.	1,406	1,213	2,619
Bars steel, hot rolled	1,226	1,258	2,484
Wire rods steel, hot rolled	149	375	524
Bars steel, cold rolled	147	114	261
Plate steel	1,824	1,830	3,654
Sheet and strip, carbon steel, hot rolled	3,007	2,824	5,831
Sheet and strip, carbon steel, cold rolled	1,611	2,111	3,722
Sheet, strip, galvanized	4,729	7,220	11,949
Sheet and strip, n.e.s.	13,719	7,866	21,585
Structural shapes	797	373	1,170
Rails	3,464	8,866	12,330
Cast iron pipe	5	3	8
Pipes and tubes, iron and steel, n.e.s.	3,927	4,652	8,579
Totals	41,042	42,781	83,823

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

From	January, 1962		
	Carbon	Alloy	Stainless
net tons of 2,000 pounds			
United States	22,257	3,647	919.4
United Kingdom	5,163	161	268.8
Australia	856	-	-
Austria	29	1	-
Belgium(1)	3,978	-	-
Czechoslovakia	64	-	-
France	941	-	18.0
Germany	1,293	4	.4
Japan	4,388	-	44.3
Netherlands	15	-	-
Norway	12	-	-
Sweden	29	30	47.7
Switzerland	154	-	-
Totals	39,179	3,843	1,298.6

(1) Includes Luxembourg.

Note: Imports for February not available in time for publication. Will be included in May release.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Ingots and semi-finished:</u>				
Ingots	United States	47	8	19.7
Billets, blooms, slabs and sheet bars ..	United States	415	48	96.3
	United Kingdom	178	1	-
Tool steel ingots	United States	-	61	-
Tool steel billets	United States	3	6	-
	United Kingdom	-	8	-
<u>Bars and rods:</u>				
Concrete reinforcing bars	Belgium	2,452	-	-
	Germany	274	-	-
	Japan	1,567	-	-
Hot rolled bars n.e.s.	United States	632	434	9.6
	United Kingdom	41	16	25.2
	Australia	124	-	-
	Belgium	269	-	-
	Japan	33	-	-
	Sweden	-	2	1.9
Hot rolled bars for agricultural implements	United States	36	-	-
	United Kingdom	13	-	-
Rounds over 4 7/8", squares over 4"	United States	76	1	-
	United Kingdom	23	4	-
Wire rods, steel, hot rolled	United States	11	-	-
	United Kingdom	342	-	-
	Australia	438	-	-
	Belgium	10	-	-
	France	454	-	-
	Germany	72	-	-
Cold rolled bars n.e.s.	United States	65	35	13.8
	United Kingdom	138	1	.6
	Belgium	109	-	-
Cold rolled bars for agricultural implements	United States	46	-	-
Bars and rods, tool steel	United States	236	36	-
	United Kingdom	15	24	-
	Austria	-	1	-
	Sweden	1	26	-
<u>Plates:</u>				
60" and under in width	United States	228	223	43.2
	United Kingdom	13	-	44.0
	Australia	160	-	-
	Belgium	3	-	-
	Germany	76	-	-
	Japan	264	-	-
	Sweden	4	-	2.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Plates - Concluded:</u>				
Over 60" up to and including 100" in width	United States	541	378	98.7
	United Kingdom	13	-	-
	Australia	25	-	-
	Germany	452	-	-
	Japan	70	-	-
	Sweden	-	1	8.2
Over 100" in width	United States	156	3	7.7
Floor plate, carbon steel	United States	315	-	-
	United Kingdom	115	-	-
	Japan	175	-	-
Flanged or dished drilled or not	United States	84	-	-
<u>Plate, sheet and strip, for saws and for pipes and tubes:</u>				
Plate, sheet or strips, not tempered or ground, for saws	United States	123	-	-
	United Kingdom	4	-	-
	France	3	-	-
	Germany	1	-	-
	Sweden	5	-	-
Plate, sheet or strips, hardened, tempered or ground, for saws	United States	9	-	-
	United Kingdom	1	-	-
	Sweden	18	-	-
Carbon steel, cold rolled, for pipes and tubes	United States	11	-	-
<u>Sheets and strip (except stainless steel):</u>				
Hot rolled under 24" in width	United States	356	20	-
	United Kingdom	16	-	-
	Belgium	72	-	-
	Japan	1	-	-
Hot rolled 24" to 51" in width	United States	467	12	-
	Australia	19	-	-
	Germany	11	-	-
	Japan	80	-	-
Hot rolled over 51" in width	United States	786	-	-
Cold rolled under 24" in width	United States	318	8	-
	United Kingdom	23	-	-
	Sweden	1	-	-
Cold rolled 24" to 51" in width	United States	517	-	-
Cold rolled over 51" in width	United States	799	-	-
Finished for porcelain enamelling	United States	742	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
<u>Sheets and strip (except stainless steel) - Concluded</u>				
Tin plate primes	United States	1	-	-
Tin plate electrolytic	United States	55	-	-
Tin plate wasters, seconds or rejects ..	United States	100	-	-
Asbestos bonded (includes galvanized) ..	United States	53	-	-
	United Kingdom	8	-	-
Electro-galvanized	United States	159	-	-
Galvanized n.e.s.	United States	220	-	-
	United Kingdom	11	-	-
	Japan	67	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States	758	-	-
	United Kingdom	58	-	-
Aluminized	United States	403	-	-
Metal coated n.e.s.	United States	76	-	-
Coated n.e.s.	United States	534	-	-
	United Kingdom	5	-	-
<u>Sheets and strip, stainless and silicon:</u>				
<u>Hot rolled stainless:</u>				
Under 18" in width 18 gauge and heavier	United States	-	-	.5
18" to 60" in width 18 gauge and heavier	United States	-	-	5.5
	United Kingdom	-	-	98.1
	Sweden	-	-	33.7
18" to 60" in width lighter than 18 gauge	United States	-	-	.6
	United Kingdom	-	-	6.7
Over 60" in width	United States	-	-	1.1
<u>Cold rolled stainless:</u>				
Under 18" in width 18 gauge and heavier	United States	-	-	36.6
	United Kingdom	-	-	1.3
Under 18" in width lighter than 18 gauge	United States	-	-	80.6
	Germany	-	-	.3
	Japan	-	-	.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Sheets and strip, stainless and silicon - Concluded:</u>				
<u>Cold rolled stainless - Concluded:</u>				
18" to 51" in width 18 gauge and heavier	United States	-	-	258.2
	United Kingdom	-	-	44.8
	Japan	-	-	10.6
18" to 51" in width lighter than 18 gauge	United States	-	-	132.3
	United Kingdom	-	-	38.1
	France	-	-	18.0
	Japan	-	-	29.8
Over 51" in width n.e.s.	United States	-	-	9.8
Electrical 2.90 silicon or over	United States	-	1,907	-
Electrical n.e.s.	United States	-	129	-
<u>Structurals and sections:</u>				
Wide flange beams over 24" in depth or web	United States	1,618	-	-
	United Kingdom	71	-	-
Bearing piling	United States	210	-	-
	United Kingdom	33	-	-
Wide flange beams n.e.s.	United States	4,902	-	-
	United Kingdom	882	-	-
	Belgium	9	-	-
	Germany	53	-	-
Structural shapes large sizes n.e.s. ...	United States	1,229	-	-
	United Kingdom	359	-	-
	Belgium	255	-	-
Structural shapes intermediate sizes n.e.s.	United States	250	-	-
	United Kingdom	143	-	-
	Belgium	331	-	-
	France	45	-	-
Structural shapes bar sizes n.e.s.	United States	151	34	-
	United Kingdom	68	1	-
	Belgium	254	-	-
	France	33	-	-
	Sweden	-	1	-
Sheet piling	United States	220	-	-
	United Kingdom	163	-	-
Sash, casement or frame sections, not punched, drilled nor further manufactured for metal window frames	United States	22	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Rails, railway track material, steel wheels and tires:</u>				
Axles, axle bars, axle blanks and parts for railway vehicles	United States	2	-	-
Tires of steel in the rough for railway vehicles	United States	19	-	-
Steel wheels for use on railway rolling stock	United States	4	-	-
	United Kingdom	40	-	-
Rails 60 lb. and under per lineal yard	Germany	8	-	-
Rails over 60 lb. up to and including 100 lb. per lineal yard	United States	3	-	-
Rails over 100 lb. per lineal yard	United States	2	-	-
Fish plates, splice bars, rail joints and tie plates iron and steel	United States	6	-	-
	United Kingdom	1	-	-
Railway track material n.e.s.	United States	31	-	-
<u>Pipes and tubes:</u>				
Cast iron	United States	15	-	-
	United Kingdom	104	-	-
	Australia	90	-	-
Drill pipe	United States	205	-	-
Oil country tubing 3 1/2" O.D. and under	United States	256	-	-
	United Kingdom	361	-	-
	France	178	-	-
	Japan	228	-	-
Casting, J-55 and H-40	United States	522	-	-
	United Kingdom	223	-	-
	Japan	599	-	-
Casing, all other	United States	137	-	-
	Japan	123	-	-
<u>Seamless hot-finished:</u>				
Up to and including 6-5/8" O.D.	United States	118	10	23.2
	Japan	27	-	-
Over 6-5/8" up to and including 10-1/2" O.D.	United States	9	-	-
Over 10-1/2" up to and including 16" O.D.	United States	205	-	-
Over 16" O.D.	United States	74	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
net tons of 2,000 pounds				
<u>Pipes and tubes - Concluded:</u>				
Mechanical tubing	United States	1,280	149	4.2
	United Kingdom	48	49	-
	Germany	32	4	-
<u>For pressure parts of boilers:</u>				
Seamless hot-finished	United States	130	47	-
	United Kingdom	-	29	-
Seamless cold-drawn	United States	-	-	.4
Welded	United States	36	-	2.9
	United Kingdom	11	-	-
	Germany	9	-	-
	Switzerland	154	-	-
Seamless cold-drawn n.e.s.	United States	182	4	15.1
	United Kingdom	51	8	8.0
	France	6	-	-
	Japan	33	-	3.8
Welded n.e.s. 4 1/2" O.D. and under	United States	245	-	17.1
	United Kingdom	270	-	1.0
	France	183	-	-
	Japan	119	-	-
Welded n.e.s. over 4 1/2" up to and including 16" O.D.	United States	28	-	.2
Welded n.e.s. over 16" O.D.	United States	36	-	-
Spiral welded	United States	115	-	-
<u>Wire and wire products:</u>				
Welding rods	United States	65	50	16.3
	United Kingdom	4	20	-
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States	25	39	4.7
Wire n.e.s.	United States	90	5	13.7
	United Kingdom	39	-	1.0
	Austria	29	-	-
	Belgium	187	-	-
	Czechoslovakia	64	-	-
	France	2	-	-
	Germany	38	-	.1
	Japan	296	-	-
	Sweden	-	-	1.6
Galvanized fencing wire	United Kingdom	179	-	-
	France	27	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	From	January, 1962		
		Carbon	Alloy	Stainless
		net tons of 2,000 pounds		
<u>Wire and wire products - Concluded:</u>				
Galvanized n.e.s.	United States	45	-	-
	United Kingdom	62	-	-
	Belgium	20	-	-
	Germany	10	-	-
	Japan	136	-	-
Coated or covered with any material n.e.s.	United States	51	-	7.2
	United Kingdom	38	-	-
	Japan	1	-	-
	Netherlands	2	-	-
Wire rope	United States	103	-	.2
	United Kingdom	196	-	-
	Belgium	7	-	-
	Germany	9	-	-
	Japan	252	-	-
	Netherlands	13	-	-
Wire, steel, spring, for mattresses, cushions or upholstery	Norway	12	-	-
	United States	25	-	-
	Japan	123	-	-
	Wire, steel, valued at not less than 2-3/4 cents per pound, for wire rope	United States	34	-
United Kingdom		979	-	-
France		10	-	-
Germany		248	-	-
Japan		194	-	-
Totals		39,179	3,843	1298.6

Note: Imports for February not available in time for publication. Will be included in May release.

00C CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of
PRIMARY IRON AND STEEL
MAY 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6523-502-52

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 5

TABLE 1. Description of Iron Blast Furnaces(1) at End of May, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	4,763,100	94.2
Banked	-	-	-
Blown out	2	291,800	5.8
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	May, 1962	Five months ended May, 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	54,032	322,787
From foreign mines	174,173	812,134
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	105,583	551,389
From foreign mines	219,449	978,056
From own processing	169,186	707,275
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	21,967	84,844
Scrap iron and steel	11,046	33,726
Limestone	66,611	305,783
Dolomite	113,215	226,554
Coke	195,580	1,253,745

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, May

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	379,267	45,326	383,119	2,399
Foundry (including silvery pig)(2)	29,853	34,872	38,764	25,538
Malleable	10,626	19,112	41,195	45,590
Total pig iron	419,746	99,310	463,078	73,527
Ferro-alloys	9,605	10,036	14,433	9,055
Stocks of pig iron on hand at end of month	371,829		434,623	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Five Months Ended May

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	1,660,456	64,479	1,853,404	10,694
Foundry (including silvery pig)(2)	145,623	68,085	148,156	78,013
Malleable	68,892	72,136	171,946	133,191
Total pig iron	1,874,971	204,700	2,173,506	221,898
Ferro-alloys	44,743	44,010	56,385	48,299

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	May		Five months ended May	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	345,015	379,926	1,600,090	1,837,386 ^r
Scrap - Own make	152,716	176,656	743,512	806,925 ^r
Purchased	125,245	122,952	559,486	638,889
Total pig iron and scrap	622,976	679,534	2,903,088	3,283,200

^r Revised - Pig iron charged to furnace during March, 1962 should have read 378,620 tons;
Pig iron charged to furnace during April, 1962 should have read 384,343 tons;
Scrap-Iron and Steel-Own make charged to furnace during April, 1962 should have read
155,137 tons.

TABLE 7. Production and Shipments of Steel Ingots and Castings, May

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	492,074	289	531,595	23,137
Electric	60,732	8,020	58,495	7,025
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	552,806	8,309	590,090	30,162
Alloy steel ingots included in above	25,284	297	32,811	881
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	263	161	369	369
Electric	8,957	8,648	12,695	12,429
Other	41	26	-	-
Total steel castings	9,261	8,835	13,064	12,798
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	239	170	337	283
High alloy, manganese and abrasion resistant ...	1,249	1,343	2,156	2,088
All other alloys	445	475	411	399
Total alloy castings	1,933	1,988	2,904	2,770

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Five Months Ended May

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	2,317,108	1,320	2,577,761	32,099
Electric	251,519	37,852	280,019	38,922
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	2,568,627	39,172	2,857,780	71,021
Alloy steel ingots included in above	104,883	1,911	134,571	4,095
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,073	915	1,629	1,629
Electric	41,467	39,021	54,054	51,536
Other	63	38	-	-
Total steel castings	42,603	39,974	55,683	53,165
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	1,047	906	1,447	1,216
High alloy, manganese and abrasion resistant ...	6,491	6,456	8,605	8,203
All other alloys	2,070	1,970	1,882	1,875
Total alloy castings	9,608	9,332	11,934	11,294

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	May, 1962		Five months ended May, 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	-
All other	252	512	499	1,741
Automotive industries	237	39	923	88
Agricultural, including implement and equipment manufacturers	152	22	536	132
Machinery and tools	1,616	376	7,485	1,593
Mining, lumbering and quarrying industries	688	982	3,702	4,483
Oil and gas, including refineries	129	32	502	102
National defence	21	3	43	37
Public works and public utilities	31	17	110	99
Railway operating	5,388	185	23,382	880
Railway cars and locomotives	1,298	92	3,574	232
Shipbuilding	49	4	388	21
Miscellaneous and unclassified	167	506	727	1,886
Total shipments	10,028	2,770	41,871	11,294

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, May

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	19,152	16,193	16,995	17,825
Over 4 1/2" outside diameter (including all sizes of casing)	24,431	24,558	18,678	14,756
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	6,755	6,358	7,356	6,449
Totals	50,338	47,109	43,029	39,030
<u>Steel pipe fittings:</u>				
Buttwelding fittings	71	112	102	129
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	456	461	649	515
Totals	527	573	751	644

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Five Months Ended May

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	73,108	67,864	82,272	70,136
Over 4 1/2 " outside diameter (including all sizes of casing)	207,974	204,521	71,347	60,230
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	29,554	28,689	31,803	33,648
Totals	310,636	301,074	185,422	164,014
<u>Steel pipe fittings:</u>				
Buttwelding fittings	260	345	488	515
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	1,961	2,280	2,290	2,463
Totals	2,221	2,625	2,778	2,978

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, May, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	12,248	11,741	11,741	-
For forging and piercing	15,198	16,175	-	16,175
Rails	24,956	32,539	-	32,539
Wire rods	29,557	31,539	-	31,539
Structural shapes:				
Heavy, including piling	28,388	30,108	-	30,108
Light	5,277	6,835	-	6,835
Concrete reinforcing bars	32,443	40,028	-	40,028
Other hot rolled bars	38,750	38,177	3,908	34,269
Tie plates and track material:				
Angle bars	4,027	3,829	-	3,829
Tie plates	5,001	6,449	-	6,449
Track spikes	1,014	1,148	-	1,148
Plates (including plates for pipes and tubes)	52,986	52,883	-	52,883
Hot rolled sheets and strip	223,615	222,141	144,310	77,831
Total hot rolled products ..	473,460	493,592	159,959	333,633
<u>Cold rolled and coated:</u>				
Cold finished bars	3,023	2,911	-	2,911
Cold reduced strip	5,129	4,739	-	4,739
Cold reduced sheets, tin mill black plate and tin plate	155,965	162,398	73,530	88,868
Galvanized sheets	31,926	33,803	-	33,803
Total cold rolled and coated .	196,043	203,851	73,530	130,321
Total carbon steel	669,503	697,443	233,489	463,954
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	41	41	41	-
For forging and piercing	1,419	1,535	-	1,535
Alloy plates	4	140	-	140
Other hot rolled bars, including high-speed steel and other alloy tool steel	10,111	8,629	94	8,535
Structurals	-	-	-	-
Cold finished bars	445	436	-	436
Wire rods	74	205	-	205
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,224	2,234	-	2,234
Total alloy steel	14,318	13,220	135	13,085

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Five Months Ended May, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	48,147	48,299	48,299	-
For forging and piercing	87,288	86,995	-	86,995
Rails	106,902	106,947	-	106,947
Wire rods	142,219	141,943	-	141,943
Structural shapes:				
Heavy, including piling	137,493	133,070	-	133,070
Light	29,610	31,452	-	31,452
Concrete reinforcing bars	166,265	146,781	-	146,781
Other hot rolled bars	162,106	162,154	15,294	146,860
Tie plates and track material:				
Angle bars	9,331	9,009	-	9,009
Tie plates	31,377	31,010	-	31,010
Track spikes	3,619	4,212	-	4,212
Plates (including plates for pipes and tubes)	239,866	237,803	-	237,803
Hot rolled sheets and strip	1,053,865	1,022,673	726,167	296,506
Total hot rolled products ..	2,218,088	2,162,348	789,760	1,372,588
<u>Cold rolled and coated:</u>				
Cold finished bars	16,422	16,732	-	16,732
Cold reduced strip	25,232	22,837	-	22,837
Cold reduced sheets, tin mill black plate and tin plate	742,677	746,526	339,621	406,905
Galvanized sheets	153,623	151,283	-	151,283
Total cold rolled and coated .	937,954	937,378	339,621	597,757
Total carbon steel	3,156,042	3,099,726	1,129,381	1,970,345
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	41	41	41	-
For forging and piercing	6,497	7,223	-	7,223
Alloy plates	650	587	-	587
Other hot rolled bars, including high-speed steel and other alloy tool steel	45,115	39,539	454	39,085
Structurals	-	-	-	-
Cold finished bars	2,514	2,602	-	2,602
Wire rods	700	742	-	742
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	12,151	12,194	-	12,194
Total alloy steel	67,668	62,928	495	62,433

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		May, 1962		Five months ended May, 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	65,201	531	277,818	3,039
5	Direct export:				
	(a) British Commonwealth	9,665	462	17,411	1,993
	(b) All other	49,199	1,956	142,286	6,257
6	Automotive industries	20,198	4,899	103,886	22,983
7	Agricultural, including implement and equipment manufacturers	5,568	141	41,238	1,129
8	Building construction	94,504	164	373,962	862
9	Container industry	37,425	96	163,675	284
10	Machinery and tools	19,229	2,308	96,705	12,129
11	Merchant trade products	36,118	1,033	165,219	4,592
12	Mining, lumbering, etc.	5,732	1,197	27,148	6,136
13	National defence	211	17	996	111
14	Pressing, forming and stamping	24,483	237	114,814	1,630
15	Public works and utilities	4,592	-	17,114	-
16	Railway operating	32,691	20	131,984	77
17	Railway cars and locomotives	5,887	-	25,923	278
18	Shipbuilding	12,398	22	45,953	139
19	Pipes and tubes	39,454	2	218,179	794
20	Miscellaneous and unclassified	1,399	-	6,034	-
	Net shipments	463,954	13,085	1,970,345	62,433

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	571	41	776	7,766	2,308	11,597	9,812
5	Direct export:							
	(a) British Commonwealth	-	-	-	-	-	502	187
	(b) All other	936	8,787	256	169	-	607	1,258
6	Automotive industries .	1,429	-	45	68	106	-	7,707
7	Agricultural, etc.	7	-	13	151	309	-	2,689
8	Building construction .	-	156	1,632	17,211	3,120	23,571	2,898
9	Container industry	79	-	14	-	-	-	72
10	Machinery and tools ...	1,388	80	151	475	146	180	3,730
11	Merchant trade	116	-	28,731	32	49	7	6,987
12	Mining, lumbering, etc.	126	665	107	403	37	82	4,238
13	National defence	-	-	-	-	-	152	3
14	Pressing, forming and stamping	2	-	14	165	658	3	821
15	Public works and utilities	-	38	2	967	-	3,313	60
16	Railway operating	-	22,723	1	72	29	-	819
17	Railway cars and locomotives	461	45	2	1,728	35	-	1,108
18	Shipbuilding	-	4	-	901	10	-	179
19	Pipes and tubes	12,595	-	-	-	-	-	143
20	Miscellaneous and unclassified	-	-	-	-	28	14	93
	Net shipments	17,710	32,539	31,744	30,108	6,835	40,028	42,804

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
56	8,477	7,280	1,194	109	9,827	5,918	65,732	4
								5
-	-	9,189	-	-	113	136	10,127	(a)
3,644	1,071	21,213	6	-	10,188	3,020	51,155	(b)
-	251	7,568	792	830	5,784	517	25,097	6
-	272	1,443	242	20	494	69	5,709	7
22	14,601	4,734	39	255	6,343	20,086	94,668	8
-	-	122	2	56	36,981	195	37,521	9
7	7,145	4,739	421	331	2,301	443	21,537	10
3	-	174	387	42	549	74	37,151	11
67	632	149	56	-	331	36	6,929	12
-	-	11	7	55	-	-	228	13
-	253	7,208	184	1,875	10,902	2,635	24,720	14
1	100	20	-	52	39	-	4,592	15
7,575	1,168	197	5	-	28	94	32,711	16
51	621	1,478	3	-	68	287	5,887	17
-	11,038	217	2	-	7	62	12,420	18
-	7,394	14,155	1	135	4,842	191	39,456	19
-	-	168	6	979	71	40	1,399	20
11,426	53,023	80,065	3,347	4,739	88,868	33,803	477,039	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five Months Ended May, 1962

May, 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	985	525	2,810	34,619	11,758	40,993	34,341
5	Direct export:							
	(a) British Commonwealth	-	-	150	-	-	5,519	1,530
	(b) All other	1,280	18,584	452	272	52	2,916	7,157
6	Automotive industries .	9,092	-	215	403	296	-	33,023
7	Agricultural, etc.	7	-	98	1,902	2,540	2	15,086
8	Building construction .	100	683	6,154	72,889	10,734	83,898	11,697
9	Container industry	79	-	68	-	-	-	184
10	Machinery and tools ...	7,443	300	2,367	4,262	1,243	1,096	19,262
11	Merchant trade	1,805	-	129,814	352	388	7	31,085
12	Mining, lumbering, etc.	1,192	3,044	409	2,694	130	236	18,951
13	National defence	-	-	-	-	-	715	52
14	Pressing, forming and stamping	45	-	39	623	2,951	19	3,843
15	Public works and utilities	-	38	3	3,523	11	11,316	224
16	Railway operating	23	83,664	102	1,741	296	9	3,301
17	Railway cars and locomotives	4,754	103	3	4,527	399	-	4,137
18	Shipbuilding	9	6	-	5,243	601	-	1,412
19	Pipes and tubes	67,404	-	-	20	-	-	215
20	Miscellaneous and unclassified	-	-	1	-	53	55	445
	Net shipments	94,218	106,947	142,685	133,070	31,452	146,781	185,945

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five Months Ended May, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,490	36,393	38,282	5,000	824	44,838	27,999	280,857	4
								5
-	-	10,810	9	-	298	1,088	19,404	(a)
5,682	6,090	31,915	22	-	47,808	26,313	148,543	(b)
-	1,179	39,282	4,980	4,692	30,173	3,534	126,869	6
-	2,670	11,415	2,691	71	4,719	1,166	42,367	7
416	66,844	21,932	178	1,220	24,099	73,980	374,824	8
-	5	1,035	7	262	161,594	725	163,959	9
34	34,251	21,602	2,591	1,466	11,488	1,429	108,834	10
14	33	581	2,144	110	3,222	256	169,811	11
575	3,294	1,091	262	-	1,312	94	33,284	12
-	1	29	41	250	19	-	1,107	13
1	2,044	30,587	1,269	8,473	55,206	11,344	116,444	14
1	1,817	41	-	52	88	-	17,114	15
35,943	4,376	1,374	19	-	64	1,149	132,061	16
56	6,039	4,918	23	-	401	841	26,201	17
1	37,585	1,029	15	-	60	131	46,092	18
-	35,763	92,608	3	984	20,915	1,061	218,973	19
18	6	169	80	4,433	601	173	6,034	20
44,231	238,390	308,700	19,334	22,837	406,905	151,283	2,032,778	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	March, 1962	Three months ended March, 1962
	net tons of 2,000 pounds	
Pig iron	7,111	12,308
Sponge iron	338	944
Steel ingots	757	1,792
Blooms, billets, slab steel	378	903
Iron castings, n.e.s.	363	1,655
Steel castings	309	761
Forgings, n.e.s.	1,412	4,031
Bars steel, hot rolled	4,807	7,291
Wire rods steel, hot rolled	132	656
Bars steel, cold rolled	135	396
Plate steel	1,731	5,385
Sheet and strip, carbon steel, hot rolled	2,177	8,008
Sheet and strip, carbon steel, cold rolled	5,027	8,749
Sheet, strip, galvanized	10,020	21,969
Sheet and strip, n.e.s.	9,440	31,025
Structural shapes	724	1,894
Rails	9,270	21,600
Cast iron pipe	-	8
Pipes and tubes, iron and steel, n.e.s.	5,190	13,769
Totals	59,321	143,144

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	February, 1962			Two months ended February, 1962		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	net tons of 2,000 pounds					
United States	24,293	4,539	800.3	46,550	8,186	1,719.7
United Kingdom	5,152	150	468.0	10,315	311	736.8
Australia	-	-	-	856	-	-
Austria	52	18	-	81	19	-
Belgium(1)	3,748	-	-	7,726	-	-
Czechoslovakia	-	-	-	64	-	-
Denmark	3	-	-	3	-	-
France	1,049	-	-	1,990	-	18.0
Germany	867	59	1.5	2,160	63	1.9
Italy	9	-	-	9	-	-
Japan	3,764	-	32.1	8,152	-	76.4
Netherlands	105	-	-	120	-	-
Norway	-	-	-	12	-	-
Sweden	80	18	50.5	109	48	98.2
Switzerland	-	-	-	154	-	-
Totals	39,122	4,784	1,352.4	78,301	8,627	2,651.0

(1) Includes Luxembourg.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	68	89	9.3	115	97	29.0
Billets, blooms, slabs and sheet bars	United States ...	391	2	93.9	806	50	190.2
	United Kingdom ..	36	1	-	214	2	-
Tool steel ingots	United States ...	36	12	-	36	73	-
Tool steel billets	United States ...	-	10	-	3	16	-
	United Kingdom ..	-	-	-	-	8	-
	Austria	-	10	-	-	10	-
<u>Bars and rods:</u>							
Concrete reinforcing bars	United States ...	21	-	-	21	-	-
	Belgium	1,428	-	-	3,880	-	-
	Germany	-	-	-	274	-	-
	Japan	785	-	-	2,352	-	-
Hot rolled bars n.e.s.	United States ...	734	510	4.1	1,366	944	13.7
	United Kingdom ..	196	-	27.5	237	16	52.7
	Australia	-	-	-	124	-	-
	Austria	-	2	-	-	2	-
	Belgium	360	-	-	629	-	-
	France	51	-	-	51	-	-
	Japan	115	-	-	148	-	-
	Sweden	-	-	-	-	2	1.9
Hot rolled bars for agricultural implements	United States ...	207	-	-	243	-	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	38	6	-	114	7	-
	United Kingdom ..	30	2	5.5	53	6	5.5
Wire rods, steel, hot rolled ...	United States ...	4	-	-	15	-	-
	United Kingdom ..	-	-	-	342	-	-
	Australia	-	-	-	438	-	-
	Belgium	308	-	-	318	-	-
	France	336	-	-	790	-	-
	Germany	25	-	-	97	-	-
	Japan	187	-	-	187	-	-
Cold rolled bars n.e.s.	United States ...	47	19	6.1	112	54	19.9
	United Kingdom ..	50	-	5.5	188	1	6.1
	Belgium	-	-	-	109	-	-
Cold rolled bars for agricul- tural implements	United States ...	85	-	-	131	-	-
Bars and rods, tool steel	United States ...	179	35	-	415	71	-
	United Kingdom ..	4	13	-	19	37	-
	Austria	-	6	-	-	7	-
	Sweden	4	12	-	5	38	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plates:</u>							
60" and under in width	United States ...	228	1,017	62.9	456	1,240	106.1
	United Kingdom ..	1,079	-	88.0	1,092	-	132.0
	Australia	-	-	-	160	-	-
	Belgium	94	-	-	97	-	-
	Germany	42	-	-	118	-	-
	Japan	97	-	-	361	-	-
	Sweden	-	5	9.4	4	5	11.7
Over 60" up to and including 100" in width	United States ...	410	102	81.9	951	480	180.6
	United Kingdom ..	376	-	-	389	-	-
	Australia	-	-	-	25	-	-
	Germany	61	-	-	513	-	-
	Japan	73	-	-	143	-	-
	Sweden	-	-	19.8	-	1	28.0
Over 100" in width	United States ...	169	-	-	325	3	7.7
Floor plate, carbon steel	United States ...	235	-	-	550	-	-
	United Kingdom ..	-	-	-	115	-	-
	Japan	94	-	-	269	-	-
Flanged, dished, drilled or not	United States ...	265	-	-	349	-	-
<u>Plate, sheet and strip, for saws and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground for saws ..	United States ...	141	-	-	264	-	-
	United Kingdom ..	9	-	-	13	-	-
	France	-	-	-	3	-	-
	Germany	-	-	-	1	-	-
	Sweden	6	-	-	11	-	-
Plate, sheet or strip, hardened, tempered or ground, for saws	United States ...	13	-	-	22	-	-
	United Kingdom ..	2	-	-	3	-	-
	Sweden	5	-	-	23	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width	United Kingdom ..	576	-	-	576	-	-
Carbon steel, cold rolled, for pipes and tubes	United States ...	-	-	-	11	-	-
<u>Sheets and strip (except stainless):</u>							
Hot rolled under 24" in width ..	United States ...	429	11	-	785	31	-
	United Kingdom ..	11	-	-	27	-	-
	Belgium	70	-	-	142	-	-
	France	26	-	-	26	-	-
	Germany	3	-	-	3	-	-
	Japan	-	-	-	1	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip (except stainless) - Concluded:</u>							
Hot rolled 24" to 51" in width	United States ...	471	1	-	938	13	-
	Australia	-	-	-	19	-	-
	Germany	-	-	-	11	-	-
	Japan	-	-	-	80	-	-
Hot rolled over 51" in width ...	United States ...	1,302	18	-	2,088	18	-
Cold rolled under 24" in width	United States ...	401	2	-	719	10	-
	United Kingdom ..	15	-	-	38	-	-
	Belgium	15	-	-	15	-	-
	Netherlands	2	-	-	2	-	-
	Sweden	-	1	-	1	1	-
Cold rolled 24" to 51" in width	United States ...	596	-	-	1,113	-	-
Cold rolled over 51" in width ..	United States ...	859	-	-	1,658	-	-
Finished for porcelain enamelling	United States ...	360	-	-	1,102	-	-
Tin plate primes	United States ...	156	-	-	157	-	-
Tin plate electrolytic	United States ...	3	-	-	58	-	-
Tin plate wasters, seconds or rejects	United States ...	-	-	-	100	-	-
Asbestos bonded (includes galvanized)	United States ...	19	-	-	72	-	-
	United Kingdom ..	8	-	-	16	-	-
Electrogalvanized	United States ...	146	-	-	305	-	-
Galvanized n.e.s.	United States ...	401	-	-	621	-	-
	United Kingdom ..	-	-	-	11	-	-
	Belgium	6	-	-	6	-	-
	Germany	8	-	-	8	-	-
	Japan	-	-	-	67	-	-
Coated with lead or with an alloy of lead and tin (terne- plate)	United States ...	605	-	-	1,363	-	-
	United Kingdom ..	-	-	-	58	-	-
Aluminized	United States ...	361	-	-	764	-	-
Metal coated n.e.s.	United States ...	49	-	-	125	-	-
	United Kingdom ..	6	-	-	6	-	-
	Germany	18	-	-	18	-	-
Coated n.e.s.	United States ...	890	-	-	1,424	-	-
	United Kingdom ..	78	-	-	83	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip: stainless and silicon:</u>							
Hot rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	.9	-	-	1.4
18" and under in width, lighter than 18 gauge	United States ...	-	-	.8	-	-	.8
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	2.6	-	-	8.1
	United Kingdom ..	-	-	165.4	-	-	263.5
	Sweden	-	-	20.3	-	-	54.0
Over 18" to 60" in width lighter than 18 gauge	United States ...	-	-	-	-	-	.6
	United Kingdom ..	-	-	18.4	-	-	25.1
Over 60" in width	United States ...	-	-	.3	-	-	1.4
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	69.2	-	-	105.8
	United Kingdom ..	-	-	6.5	-	-	7.8
18" and under in width lighter than 18 gauge	United States ...	-	-	94.6	-	-	175.2
	Germany	-	-	1.3	-	-	1.6
	Japan	-	-	-	-	-	.1
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	126.2	-	-	384.4
	United Kingdom ..	-	-	66.3	-	-	111.1
	Japan	-	-	17.8	-	-	28.4
Over 18" to 51" in width lighter than 18 gauge	United States ...	-	-	138.0	-	-	270.3
	United Kingdom ..	-	-	73.5	-	-	111.6
	France	-	-	-	-	-	18.0
	Japan	-	-	14.3	-	-	44.1
Over 51" in width	United States ...	-	-	5.1	-	-	14.9
Electrical, silicon 2.90 or more	United States ...	-	1,596	-	-	3,503	-
Electrical n.e.s.	United States ...	-	100	-	-	229	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	2,126	-	-	3,744	-	-
	United Kingdom ..	31	-	-	102	-	-
Bearing piling	United States ...	799	-	-	1,009	-	-
	United Kingdom ..	-	-	-	33	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded</u>							
Wide flange beams n.e.s.	United States ...	3,588	-	-	8,490	-	-
	United Kingdom ..	387	-	-	1,269	-	-
	Belgium	201	-	-	210	-	-
	Germany	-	-	-	53	-	-
Structural shapes large size							
n.e.s.	United States ...	1,419	-	-	2,648	-	-
	United Kingdom ..	119	-	-	478	-	-
	Belgium	234	-	-	489	-	-
Structural shapes intermediate							
sizes n.e.s.	United States ...	269	-	-	519	-	-
	United Kingdom ..	46	-	-	189	-	-
	Belgium	480	-	-	811	-	-
	France	3	-	-	48	-	-
	Italy	6	-	-	6	-	-
Structural shapes bar sizes							
n.e.s.	United States ...	212	12	-	363	46	-
	United Kingdom ..	45	2	-	113	3	-
	Belgium	299	-	-	553	-	-
	France	7	-	-	40	-	-
	Japan	50	-	-	50	-	-
	Sweden	-	-	-	-	1	-
Sheet piling	United States ...	717	-	-	937	-	-
	United Kingdom ..	-	-	-	163	-	-
Sash casement or frame							
sections, not punched, drilled							
nor further manufactured for							
metal window frames	United States ...	86	-	-	108	-	-
	United Kingdom ..	51	-	-	51	-	-
<u>Rails, railway track material,</u>							
<u>steel wheels and tires:</u>							
Axles, axle bars, axle blanks							
and parts for railway vehicles	United States ...	2	-	-	4	-	-
Tires of steel in the rough for							
railway vehicles	United States ...	-	-	-	19	-	-
Steel wheels for use on railway							
rolling stock	United States ...	43	-	-	47	-	-
	United Kingdom ..	38	-	-	78	-	-
Rails 60 lb. and under per							
lineal yard	United States ...	2	-	-	2	-	-
	Germany	167	-	-	175	-	-
Rails over 60 lb. up to and							
including 100 lb. per lineal							
yard	United States ...	89	-	-	92	-	-
	United Kingdom ..	84	-	-	84	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u>							
<u>steel wheels and tires -</u>							
<u>Concluded:</u>							
Rails over 100 lb. per lineal yard	United States ...	50	-	-	52	-	-
Fish plates, splice bars, rail joints and tie plates iron and steel	United States ...	12	-	-	18	-	-
	United Kingdom ..	-	-	-	1	-	-
	Germany	9	-	-	9	-	-
Railway track material n.e.s. ..	United States ...	38	-	-	69	-	-
<u>Pipes and tubes:</u>							
Cast iron	United States ...	256	-	-	271	-	-
	United Kingdom ..	156	-	-	260	-	-
	Australia	-	-	-	90	-	-
Drill pipe	United States ...	197	-	-	402	-	-
Oil country tubing 3 1/2" O.D. and under	United States ...	254	-	-	510	-	-
	United Kingdom ..	67	-	-	428	-	-
	France	-	-	-	178	-	-
	Japan	597	-	-	825	-	-
Casing, J-55 and M-40	United States ...	512	-	-	1,034	-	-
	United Kingdom ..	129	-	-	352	-	-
	France	32	-	-	32	-	-
	Japan	983	-	-	1,582	-	-
Casing, all other	United States ...	71	-	-	208	-	-
	Japan	-	-	-	123	-	-
Seamless hot-finished:							
Up to and including 6 5/8" O.D.	United States ...	135	1	3.0	253	11	26.2
	Japan	-	-	-	27	-	-
Over 6 5/8" O.D. up to and including 10 1/2" O.D.	United States	7	52	-	16	52	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States	251	1	1.2	456	1	1.2
	Germany	5	-	-	5	-	-
Over 16" O.D.	United States ...	198	-	-	272	-	-
Mechanical tubing	United States ...	1,376	446	3.9	2,656	595	8.1
	United Kingdom ..	16	67	-	64	116	-
	Germany	42	59	-	74	63	-
	Sweden	62	-	-	62	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
For pressure parts of boilers:							
Seamless hot-finished	United States ...	309	425	-	439	472	-
	United Kingdom ..	87	65	-	87	94	-
Seamless cold-drawn	United States ...	2	-	-	2	-	.4
	United Kingdom ..	15	-	-	15	-	-
Welded	United States ...	9	-	-	45	-	2.9
	United Kingdom ..	141	-	-	152	-	-
	France	8	-	-	8	-	-
	Germany	-	-	-	9	-	-
	Switzerland	-	-	-	154	-	-
Seamless cold-drawn n.e.s.	United States ...	89	1	27.9	271	5	43.0
	United Kingdom ..	24	-	8.2	75	8	16.2
	France	-	-	-	6	-	-
	Japan	-	-	-	33	-	3.8
	Sweden	-	-	.6	-	-	.6
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	166	-	17.4	411	-	34.5
	United Kingdom ..	231	-	.8	501	-	1.8
	France	389	-	-	572	-	-
	Japan	-	-	-	119	-	-
Over 4 1/2" O.D. up to and including 16" O.D. n.e.s.	United States ...	42	-	10.5	70	-	10.7
Over 16" O.D. n.e.s.	United States ...	47	-	-	83	-	-
	United Kingdom ..	1	-	-	1	-	-
Spiral welded	United States ...	213	-	-	328	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	12	54	21.7	77	104	38.0
	United Kingdom ..	33	-	-	37	20	-
Welding wire in coil form (excluding wire for the manu- facture of welding rods)	United States ...	40	13	5.4	65	52	10.1
	United Kingdom ..	1	-	-	1	-	-
Wire n.e.s.	United States ...	114	4	3.6	204	9	17.3
	United Kingdom ..	37	-	2.4	76	-	3.4
	Austria	51	-	-	80	-	-
	Belgium	206	-	-	393	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	71	-	-	73	-	-
	Germany	6	-	.2	44	-	.3
	Japan	119	-	-	415	-	-
	Sweden	2	-	.4	2	-	2.0

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	February, 1962			Two months ended February, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products - Concluded:</u>							
Galvanized fencing wire	United Kingdom ..	38	-	-	271	-	-
	France	-	-	-	27	-	-
Galvanized n.e.s.	United States ...	17	-	-	62	-	-
	United Kingdom ..	121	-	-	183	-	-
	Austria	1	-	-	1	-	-
	Belgium	27	-	-	47	-	-
	France	25	-	-	25	-	-
	Germany	20	-	-	30	-	-
	Italy	3	-	-	3	-	-
	Japan	104	-	-	240	-	-
Coated or covered with any material n.e.s.	United States ...	40	-	7.4	91	-	14.6
	United Kingdom ..	24	-	-	62	-	-
	Belgium	2	-	-	2	-	-
	Japan	1	-	-	2	-	-
	Netherlands	-	-	-	2	-	-
Wire rope	United States ...	121	-	2.4	224	-	2.6
	United Kingdom ..	132	-	-	328	-	-
	Belgium	18	-	-	25	-	-
	Denmark	3	-	-	3	-	-
	France	101	-	-	101	-	-
	Germany	64	-	-	73	-	-
	Japan	158	-	-	410	-	-
	Netherlands	103	-	-	116	-	-
	Norway	-	-	-	12	-	-
	Sweden	1	-	-	1	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	-	-	-	25	-	-
	Japan	94	-	-	217	-	-
Wire, steel, valued at not less than 2 3/4¢ per pound, for wire rope	United States ...	44	-	-	78	-	-
	United Kingdom ..	622	-	-	1,601	-	-
	France	-	-	-	10	-	-
	Germany	397	-	-	645	-	-
	Japan	307	-	-	501	-	-
Totals		39,122	4,784	1,352.4	78,301	8,627	2,651.0

70c
CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of
PRIMARY IRON AND STEEL
JUNE 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

Canada
DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

6523-502-62

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 6

TABLE 1. Description of Iron Blast Furnaces(1) at End of June, 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
blast	14	4,443,100	87.9
Banked	-	-	-
Blown out	3	611,800	12.1
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	June, 1962	Six months ended June, 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	70,898	393,685
From foreign mines	185,135	997,269
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	114,501	665,890
From foreign mines	215,073	1,193,129
From own processing	152,494	859,769
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	19,066	103,910
Scrap iron and steel	8,857	42,583
Limestone	70,799	376,582
Dolomite	30,944	257,498
Coke	301,713	1,555,458

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, June

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	359,936	11,946	376,372	2,110
Foundry (including silvery pig) (2)	28,614	38,398	31,341	50,773
Malleable	29,770	42,310	63,465	45,085
Total pig iron	418,320	92,654	471,178	97,968
Ferro-alloys	8,120	11,951	10,378	12,064
Stocks of pig iron on hand at end of month	327,969		421,364	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Six Months Ended June

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	2,020,392	76,425	2,229,776	12,804
Foundry (including silvery pig) (2)	174,237	106,483	179,497	128,786
Malleable	98,662	114,446	235,411	178,276
Total pig iron	2,293,291	297,354	2,644,684	319,866
Ferro-alloys	52,863	55,961	66,763	60,363

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	June		Six months ended June	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	355,368	382,036	1,955,458	2,219,422
Scrap - Own make	161,405	173,351	904,917	980,276
Purchased	112,076	119,180	671,562	758,069
Total pig iron and scrap	628,849	674,567	3,531,937	3,957,767

TABLE 7. Production and Shipments of Steel Ingots and Castings, June

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	497,733	13,317	538,369	22,981
Electric	57,023	7,840	48,422	7,596
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	554,756	21,157	586,791	30,577
Alloy steel ingots included in above	15,509	368	22,820	892
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	345	322	607	607
Electric	10,086	12,813	11,310	11,021
Other	57	47	-	-
Total steel castings	10,488	13,182	11,917	11,628
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	232	189	242	216
High alloy, manganese and abrasion resistant ...	1,353	1,294	1,959	1,868
All other alloys	504	501	648	572
Total alloy castings	2,089	1,984	2,849	2,656

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Six Months Ended June

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	2,814,841	14,637	3,116,130	55,080
Electric	308,542	45,692	328,441	46,518
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	3,123,383	60,329	3,444,571	101,598
Alloy steel ingots included in above	120,392	2,279	157,391	4,987
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,418	1,237	2,236	2,236
Electric	51,553	51,834	65,364	62,557
Other	120	85	-	-
Total steel castings	53,091	53,156	67,600	64,793
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	1,279	1,095	1,689	1,432
High alloy, manganese and abrasion resistant ...	7,844	7,750	10,564	10,071
All other alloys	2,574	2,471	2,530	2,447
Total alloy castings	11,697	11,316	14,783	13,950

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	June, 1962		Six months ended June, 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	-
All other	154	412	653	2,153
Automotive industries	271	30	1,194	118
Agricultural, including implement and equipment manufacturers	135	21	671	153
Machinery and tools	1,345	480	8,830	2,073
Mining, lumbering and quarrying industries	645	842	4,347	5,325
Oil and gas, including refineries	97	32	599	134
National defence	29	9	72	46
Public works and public utilities	13	34	123	133
Railway operating	4,337	139	27,719	1,019
Railway cars and locomotives	1,711	140	5,285	372
Shipbuilding	59	8	447	29
Miscellaneous and unclassified	176	509	903	2,395
Total shipments	8,972	2,656	50,843	13,950

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, June

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	18,572	17,599	27,485	26,080
Over 4 1/2" outside diameter (including all sizes of casing)	27,518	16,461	13,743	13,660
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,324	6,933	7,366	6,341
Totals	53,414	40,993	48,594	46,081
<u>Steel pipe fittings:</u>				
Buttwelding fittings	93	122	123	118
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	429	517	406	541
Totals	522	639	529	659

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Six Months Ended June

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	91,680	85,463	109,757	96,216
Over 4 1/2 " outside diameter (including all sizes of casing)	235,492	220,982	85,090	73,890
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	36,878	35,622	39,169	39,989
Totals	364,050	342,067	234,016	210,095
<u>Steel pipe fittings:</u>				
Buttwelding fittings	353	467	611	633
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	2,390	2,797	2,696	3,004
Totals	2,743	3,264	3,307	3,637

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, June, 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	12,856	11,244	11,244	-
For forging and piercing	17,339	18,169	-	18,169
Rails	23,649	27,010	-	27,010
Wire rods	33,766	33,206	-	33,206
Structural shapes:				
Heavy, including piling	39,663	34,711	-	34,711
Light	7,553	7,384	-	7,384
Concrete reinforcing bars	34,072	39,138	-	39,138
Other hot rolled bars	33,242	33,400	2,312	31,088
Tie plates and track material:				
Angle bars	1,335	1,493	-	1,493
Tie plates	6,368	8,995	-	8,995
Track spikes	933	1,075	-	1,075
Plates (including plates for pipes and tubes)	53,951	56,861	-	56,861
Hot rolled sheets and strip	223,739	224,181	149,875	74,306
Total hot rolled products ..	488,466	496,867	163,431	333,436
<u>Cold rolled and coated:</u>				
Cold finished bars	2,913	3,115	-	3,115
Cold reduced strip	4,611	4,501	-	4,501
Cold reduced sheets, tin mill black plate and tin plate	156,797	159,766	78,067	81,699
Galvanized sheets	35,799	35,080	-	35,080
Total cold rolled and coated .	200,120	202,462	78,067	124,395
Total carbon steel	688,586	699,329	241,498	457,831
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	46	46	46	-
For forging and piercing	2,353	2,353	-	2,353
Alloy plates	52	190	-	190
Other hot rolled bars, including high-speed steel and other alloy tool steel	8,373	9,447	44	9,403
Structurals	-	-	-	-
Cold finished bars	449	504	-	504
Wire rods	326	246	-	246
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,407	2,406	-	2,406
Total alloy steel	14,006	15,192	90	15,102

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Six Months Ended
June, 1962

June, 1952

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	61,003	59,543	59,543	-
For forging and piercing	104,627	105,164	-	105,164
Rails	130,551	133,957	-	133,957
Wire rods	175,985	175,149	-	175,149
Structural shapes:				
Heavy, including piling	177,156	167,781	-	167,781
Light	37,163	38,836	-	38,836
Concrete reinforcing bars	200,337	185,919	-	185,919
Other hot rolled bars	195,348	195,554	17,606	177,948
Tie plates and track material:				
Angle bars	10,666	10,502	-	10,502
Tie plates	37,745	40,005	-	40,005
Track spikes	4,552	5,287	-	5,287
Plates (including plates for pipes and tubes)	293,817	294,664	-	294,664
Hot rolled sheets and strip	1,277,604	1,246,854	876,042	370,812
Total hot rolled products ..	2,706,554	2,659,215	953,191	1,706,024
<u>Cold rolled and coated:</u>				
Cold finished bars	19,335	19,847	-	19,847
Cold reduced strip	29,843	27,338	-	27,338
Cold reduced sheets, tin mill black plate and tin plate	899,474	906,292	417,688	488,604
Galvanized sheets	189,422	186,363	-	186,363
Total cold rolled and coated .	1,138,074	1,139,840	417,688	722,152
Total carbon steel	3,844,628	3,799,055	1,370,879	2,428,176
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	87	87	87	-
For forging and piercing	8,850	9,576	-	9,576
Alloy plates	702	777	-	777
Other hot rolled bars, including high-speed steel and other alloy tool steel	53,488	48,986	498	48,488
Structurals	-	-	-	-
Cold finished bars	2,963	3,106	-	3,106
Wire rods	1,026	988	-	988
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	14,558	14,600	-	14,600
Total alloy steel	81,674	78,120	585	77,535

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		June, 1962		Six months ended June, 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	68,894	803	346,712	3,842
5	Direct export:				
	(a) British Commonwealth	6,639	493	24,050	2,486
	(b) All other	43,396	2,789	185,682	9,046
6	Automotive industries	18,759	5,501	122,645	28,484
7	Agricultural, including implement and equipment manufacturers	8,520	146	49,758	1,275
8	Building construction	94,335	255	468,297	1,117
9	Container industry	39,050	100	202,725	384
10	Machinery and tools	20,898	2,581	117,603	14,710
11	Merchant trade products	34,786	878	200,005	5,470
12	Mining, lumbering, etc.	4,740	1,138	31,888	7,274
13	National defence	226	23	1,222	134
14	Pressing, forming and stamping	24,189	335	139,003	1,965
15	Public works and utilities	3,598	-	20,712	-
16	Railway operating	26,687	24	158,671	101
17	Railway cars and locomotives	6,631	36	32,554	314
18	Shipbuilding	8,779	-	54,732	139
19	Pipes and tubes	46,274	-	264,453	794
20	Miscellaneous and unclassified	1,430	-	7,464	-
	Net shipments	457,831	15,102	2,428,176	77,535

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June, 1962

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses	1	191	857	9,773	2,110	11,119	9,647
5	Direct export:							
	(a) British Commonwealth	-	-	81	-	-	542	238
	(b) All other	1,664	8,763	341	323	16	600	1,234
6	Automotive industries .	2,697	-	24	188	77	-	7,095
7	Agricultural, etc.	-	-	-	812	619	-	4,251
8	Building construction .	68	186	2,122	19,628	3,041	23,263	2,721
9	Container industry	-	-	9	-	-	1	2
10	Machinery and tools ...	1,360	18	299	887	421	172	4,686
11	Merchant trade	319	-	29,537	127	96	1	4,429
12	Mining, lumbering, etc.	134	283	113	149	43	39	3,911
13	National defence	-	3	-	-	-	3	16
14	Pressing, forming and stamping	9	-	16	162	665	-	533
15	Public works and utilities	-	-	51	89	-	3,185	29
16	Railway operating	9	17,566	-	111	37	7	508
17	Railway cars and locomotives	1,328	-	1	1,351	172	-	907
18	Shipbuilding	-	-	1	1,111	87	-	160
19	Pipes and tubes	12,933	-	-	-	-	-	83
20	Miscellaneous and unclassified	-	-	-	-	-	206	41
	Net shipments	20,522	27,010	33,452	34,711	7,384	39,138	40,491

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
59	10,976	9,318	1,126	168	8,393	5,959	69,697	4
								5
-	-	5,467	37	-	186	581	7,132	(a)
3,151	6,673	11,063	7	-	7,856	4,494	46,185	(b)
-	232	7,695	896	813	4,101	442	24,260	6
-	480	1,989	243	-	245	27	8,666	7
137	11,813	6,691	15	201	5,441	19,263	94,590	8
-	-	436	1	36	38,554	111	39,150	9
-	7,550	4,767	503	295	2,062	459	23,479	10
-	10	164	364	-	590	27	35,664	11
41	522	284	54	-	267	38	5,878	12
-	101	3	4	119	-	-	249	13
-	581	7,503	356	1,692	9,750	3,257	24,524	14
-	88	-	-	48	108	-	3,598	15
8,170	91	174	2	-	13	23	26,711	16
5	2,110	660	2	-	45	86	6,667	17
-	7,153	267	-	-	-	-	8,779	18
-	8,671	20,197	-	106	3,972	312	46,274	19
-	-	34	9	1,023	116	1	1,430	20
11,563	57,051	76,712	3,619	4,501	81,699	35,080	472,933	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six Months Ended June, 1962

		June, 1962						
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	986	716	3,667	44,392	13,868	52,112	43,988
5	Direct export:							
	(a) British Commonwealth	-	-	231	-	-	6,061	1,768
	(b) All other	2,944	27,347	793	595	68	3,516	8,391
6	Automotive industries .	11,789	-	239	591	373	-	40,118
7	Agricultural, etc.	7	-	98	2,714	3,159	2	19,337
8	Building construction .	168	869	8,276	92,517	13,775	107,161	14,418
9	Container industry	79	-	77	-	-	1	186
10	Machinery and tools ...	8,803	318	2,666	5,149	1,664	1,268	23,948
11	Merchant trade	2,124	-	159,351	479	484	8	35,514
12	Mining, lumbering, etc.	1,326	3,327	522	2,843	173	275	22,862
13	National defence	-	3	-	-	-	718	68
14	Pressing, forming and stamping	54	-	55	785	3,616	19	4,376
15	Public works and utilities	-	38	54	3,612	11	14,501	253
16	Railway operating	32	101,230	102	1,852	333	16	3,809
17	Railway cars and locomotives	6,082	103	4	5,878	571	-	5,044
18	Shipbuilding	9	6	1	6,354	688	-	1,572
19	Pipes and tubes	80,337	-	-	20	-	-	298
20	Miscellaneous and unclassified	-	-	1	-	53	261	486
	Net shipments	114,740	133,957	176,137	167,781	38,836	185,919	226,436

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six Months Ended June, 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,549	47,369	47,600	6,126	992	53,231	33,958	350,554	4
								5
-	-	16,277	46	-	484	1,669	26,536	(a)
8,833	12,763	42,978	29	-	55,664	30,807	194,728	(b)
-	1,411	46,977	5,876	5,505	34,274	3,976	151,129	6
-	3,150	13,404	2,934	71	4,964	1,193	51,033	7
553	78,657	28,623	193	1,421	29,540	93,243	469,414	8
-	5	1,471	8	298	200,148	836	203,109	9
34	41,801	26,369	3,094	1,761	13,550	1,888	132,313	10
14	43	745	2,508	110	3,812	283	205,475	11
616	3,816	1,375	316	-	1,579	132	39,162	12
-	102	32	45	369	19	-	1,356	13
1	2,625	38,090	1,625	10,165	64,956	14,601	140,968	14
1	1,905	41	-	100	196	-	20,712	15
44,113	4,467	1,548	21	-	77	1,172	158,772	16
61	8,149	5,578	25	-	446	927	32,868	17
1	44,738	1,296	15	-	60	131	54,871	18
-	44,434	112,805	3	1,090	24,887	1,373	265,247	19
18	6	203	89	5,456	717	174	7,464	20
55,794	295,441	385,412	22,953	27,338	488,604	186,363	2,505,711	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	April 1962	May 1962	Five months ended May, 1962
net tons of 2,000 pounds			
Pig iron	16,784	81,043	110,135
Sponge iron	489	460	1,893
Steel ingots	879	30,861	33,532
Blooms, billets, slab steel	630	552	2,085
Iron castings, n.e.s.	602	671	2,928
Steel castings	333	800	1,894
Forgings, n.e.s.	1,408	1,572	7,011
Bars steel, hot rolled	2,152	3,669	13,112
Wire rods steel, hot rolled	177	161	994
Bars steel, cold rolled	108	247	751
Plate steel	1,010	746	7,141
Sheet and strip, carbon steel, hot rolled	1,326	25,186	34,520
Sheet and strip, carbon steel, cold rolled	2,297	886	11,932
Sheet, strip, galvanized	2,347	3,921	28,237
Sheet and strip, n.e.s.	6,608	8,673	46,306
Structural shapes	1,381	711	3,986
Rails	1,208	752	23,560
Cast iron pipe	104	-	112
Pipes and tubes, iron and steel, n.e.s.	5,432	5,298	24,499
Totals	45,275	166,209	354,628

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	March, 1962			Three months ended March, 1962		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
net tons of 2,000 pounds						
United States	26,362	3,827	737.0	72,912	12,013	2,456.7
United Kingdom	6,606	209	291.2	16,921	520	1,028.0
Australia	387	-	-	1,243	-	-
Austria	7	10	.1	88	29	.1
Belgium	2,851	-	1.1	10,577	-	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	6	-	-	9	-	-
France	665	-	-	2,655	-	18.0
Germany	1,898	1	-	4,058	64	1.9
Italy	3	-	-	12	-	-
Japan	6,009	-	60.3	14,161	-	136.7
Netherlands	275	-	-	395	-	-
Norway	-	-	-	12	-	-
Sweden	156	27	62.4	265	75	160.6
Switzerland	21	-	-	175	-	-
Totals	45,246	4,074	1,152.1	123,547	12,701	3,803.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Other	United states ...	17	-	-	17	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	25	55	15.2	140	152	44.2
Billets, blooms, slabs and sheet bar	United States ...	129	36	18.3	935	86	208.5
	United Kingdom ..	204	-	-	418	2	-
Tool steel ingots	United States ...	2	22	-	38	95	-
Tool steel billets	United States ...	-	3	-	3	19	-
	United Kingdom ..	2	6	-	2	14	-
	Austria	-	-	-	-	10	-
<u>Bars and rods:</u>							
Concrete reinforcing bars	United States ...	-	-	-	21	-	-
	Belgium	243	-	-	4,123	-	-
	Germany	22	-	-	296	-	-
	Japan	1,412	-	-	3,764	-	-
Hot rolled bars n.e.s.	United States ...	713	205	4.3	2,079	1,149	18.0
	United Kingdom ..	145	26	21.3	382	42	74.0
	Australia	-	-	-	124	-	-
	Austria	-	1	-	-	3	-
	Belgium	408	-	-	1,037	-	-
	France	18	-	-	69	-	-
	Germany	137	-	-	137	-	-
	Japan	169	-	-	317	-	-
	Sweden	-	-	2.0	-	2	3.9
Hot rolled bars for agricultural implements	United States ...	98	18	-	341	18	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4 "	United States ...	7	3	.2	121	10	.2
	United Kingdom ..	3	2	1.5	56	8	7.0
Wire rods, steel, hot rolled ...	United States ...	36	-	-	51	-	-
	United Kingdom ..	80	-	-	422	-	-
	Australia	-	-	-	438	-	-
	Belgium	100	-	-	418	-	-
	France	350	-	-	1,140	-	-
	Germany	-	-	-	97	-	-
	Japan	174	-	-	361	-	-
Cold rolled bars n.e.s.	United States ...	44	18	7.4	156	72	27.3
	United Kingdom ..	81	-	-	269	1	6.1
	Belgium	58	-	-	167	-	-
Cold rolled bars for agricul- tural implements	United States ...	37	-	-	168	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Bars and rods, tool steel	United States ...	270	37	-	685	108	-
	United Kingdom ..	3	42	-	22	79	-
	Austria	-	9	-	-	16	-
	Sweden	27	24	-	32	62	-
<u>Plates:</u>							
60" and under in width	United States ...	183	689	56.2	639	1,929	162.3
	United Kingdom ..	22	1	40.9	1,114	1	172.9
	Australia	152	-	-	312	-	-
	Belgium	132	-	-	229	-	-
	Germany	16	-	-	134	-	-
	Japan	169	-	4.7	530	-	4.7
	Sweden	-	1	10.6	4	6	22.3
Over 60" up to and including 100" in width	United States ...	531	597	38.6	1,482	1,077	219.2
	United Kingdom ..	35	-	-	424	-	-
	Australia	70	-	-	95	-	-
	Germany	53	-	-	566	-	-
	Japan	131	-	-	274	-	-
	Sweden	-	-	-	-	1	28.0
Over 100" in width	United States ...	127	-	-	452	3	7.7
	United Kingdom ..	4	-	-	4	-	-
Floor plate	United States ...	147	-	-	697	-	-
	United Kingdom ..	11	-	-	126	-	-
	Japan	463	-	-	732	-	-
Flanged, dished, drilled or not	United States ...	399	-	-	748	-	-
<u>Plate, sheet or strip, for saws and for pipes and tubes:</u>							
Plate, sheet or strip not tempered or ground, for saws	United States ...	147	-	-	411	-	-
	United Kingdom ..	21	-	-	34	-	-
	France	1	-	-	4	-	-
	Germany	-	-	-	1	-	-
	Sweden	6	-	-	17	-	-
Plate, sheet or strip hardened, tempered or ground for saws ..	United States ...	19	-	-	41	-	-
	United Kingdom ..	1	-	-	4	-	-
	Sweden	8	-	-	31	-	-
Carbon steel, hot rolled for pipes and tubes, 15 3/8" or less in width	United Kingdom ..	-	-	-	576	-	-
	Australia	133	-	-	133	-	-
Carbon steel, cold rolled, for pipes and tubes	United States ...	6	-	-	17	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless):</u>							
Hot rolled under 24" in width ..	United States ...	493	26	-	1,278	57	-
	United Kingdom ..	39	-	-	66	-	-
	Australia	32	-	-	32	-	-
	Belgium	146	-	-	288	-	-
	France	9	-	-	35	-	-
	Germany	3	-	-	6	-	-
	Japan	17	-	-	18	-	-
Hot rolled 24" to 51" in width	United States ...	484	14	-	1,422	27	-
	Australia	-	-	-	19	-	-
	Belgium	101	-	-	101	-	-
	Germany	23	-	-	34	-	-
	Japan	67	-	-	147	-	-
Hot rolled over 51" in width ...	United States ...	966	26	-	3,054	44	-
	United Kingdom ..	35	-	-	35	-	-
	Japan	22	-	-	22	-	-
Cold rolled under 24" in width	United States ...	390	3	-	1,109	13	-
	United Kingdom ..	22	-	-	60	-	-
	Belgium	-	-	-	15	-	-
	Germany	23	-	-	23	-	-
	Netherlands	-	-	-	2	-	-
	Sweden	-	-	-	1	1	-
Cold rolled 24" to 51" in width	United States ...	542	-	-	1,655	-	-
Cold rolled over 51" in width ..	United States ...	792	-	-	2,450	-	-
Finished for porcelain enamelling	United States ...	499	-	-	1,601	-	-
Tin plate primes	United States ...	2	-	-	159	-	-
Tin plate electrolytic	United States ...	10	-	-	68	-	-
	United Kingdom ..	1,426	-	-	1,426	-	-
Tin plate, wasters, seconds or rejects	United States' ...	104	-	-	204	-	-
Asbestos bonded includes galvanized)	United States ...	3	-	-	75	-	-
	United Kingdom ..	10	-	-	26	-	-
Electro-galvanized	United States ...	178	-	-	483	-	-
Galvanized n.e.s.	United States ...	303	-	-	924	-	-
	United Kingdom ..	1	-	-	12	-	-
	Belgium	-	-	-	6	-	-
	Germany	-	-	-	8	-	-
	Japan	93	-	-	160	-	-
Coated with lead or with an alloy of lead and tin (terne- plate)	United States ...	781	-	-	2,144	-	-
	United Kingdom ..	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded:</u>							
Aluminized	United States ...	495	-	-	1,259	-	-
Metal coated n.e.s.	United States ...	81	-	-	206	-	-
	United Kingdom ..	-	-	-	6	-	-
	Germany	6	-	-	24	-	-
Coated n.e.s.	United States ...	1,039	-	-	2,463	-	-
	United Kingdom ..	33	-	-	116	-	-
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled stainless:							
18 " and under in width 18 gauge and heavier	United States ...	-	-	1.4	-	-	2.8
	United Kingdom ..	-	-	.3	-	-	.3
18" and under in width lighter than 18 gauge	United States ...	-	-	-	-	-	.8
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	9.9	-	-	18.0
	United Kingdom ..	-	-	60.3	-	-	323.8
	Belgium	-	-	1.1	-	-	1.1
	Sweden	-	-	39.4	-	-	93.4
Over 18" to 60" in width lighter than 18 gauge	United States ...	-	-	-	-	-	.6
	United Kingdom ..	-	-	38.5	-	-	63.6
Over 60" in width	United States ...	-	-	.5	-	-	1.9
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	37.0	-	-	142.8
	United Kingdom ..	-	-	-	-	-	7.8
18" and under in width lighter than 18 gauge	United States ...	-	-	120.4	-	-	295.6
	Germany	-	-	-	-	-	1.6
	Japan	-	-	-	-	-	.1
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	147.3	-	-	531.7
	United Kingdom ..	-	-	29.2	-	-	140.3
	Japan	-	-	19.7	-	-	48.1
Over 18" to 51" in width lighter than 18 gauge	United States ...	-	-	196.0	-	-	466.3
	United Kingdom ..	-	-	86.1	-	-	197.7
	France	-	-	-	-	-	18.0
	Japan	-	-	34.0	-	-	78.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Cold rolled stainless - Concluded:							
Over 51" in width	United States ...	-	-	9.1	-	-	24.0
Electrical, silicon 2.90 or more	United States ...	-	1,696	-	-	5,199	-
Electrical n.e.s.	United States ...	-	83	-	-	312	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	2,247	-	-	5,991	-	-
	United Kingdom ..	26	-	-	128	-	-
Bearing piling	United States ...	1,226	-	-	2,235	-	-
	United Kingdom ..	-	-	-	33	-	-
	France	53	-	-	53	-	-
Wide flange beams n.e.s.	United States ...	5,372	-	-	13,862	-	-
	United Kingdom ..	68	-	-	1,337	-	-
	Belgium	162	-	-	372	-	-
	Germany	56	-	-	109	-	-
Structural shapes large size n.e.s.	United States ...	1,404	-	-	4,052	-	-
	United Kingdom ..	159	-	-	637	-	-
	Belgium	133	-	-	622	-	-
Structural shapes intermediate sizes n.e.s.	United States ...	356	-	-	875	-	-
	United Kingdom ..	12	-	-	201	-	-
	Belgium	410	-	-	1,221	-	-
	France	-	-	-	48	-	-
	Germany	17	-	-	17	-	-
	Italy	-	-	-	6	-	-
Structural shapes bar size n.e.s.	United States ...	226	27	-	589	73	-
	United Kingdom ..	38	3	-	151	6	-
	Belgium	497	-	-	1,050	-	-
	France	-	-	-	40	-	-
	Germany	6	-	-	6	-	-
	Japan	118	-	-	168	-	-
	Sweden	-	2	-	-	3	-
Sheet piling	United States ...	66	-	-	1,003	-	-
	United Kingdom ..	53	-	-	216	-	-
	Germany	46	-	-	46	-	-
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames							
	United States ...	78	-	-	186	-	-
	United Kingdom ..	22	-	-	73	-	-
	Belgium	15	-	-	15	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material, steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles	United States ...	2	-	-	6	-	-
Tires of steel in the rough for railway vehicles	United States ...	10	-	-	29	-	-
Steel wheels for use on railway rolling stock	United States ...	29	-	-	76	-	-
	United Kingdom ..	98	-	-	176	-	-
Rails 60 lb. and under per lineal yard	United States ...	-	-	-	2	-	-
	Germany	161	-	-	336	-	-
Rails over 60 lb. up to and including 100 lb. per lineal yard	United States ...	59	-	-	151	-	-
	United Kingdom ..	-	-	-	84	-	-
Rails over 100 lb. per lineal yard	United States ...	513	-	-	565	-	-
Fish plates, splice bars rail joints and tie plates, iron and steel	United States ...	76	-	-	94	-	-
	United Kingdom ..	-	-	-	1	-	-
	Germany	4	-	-	13	-	-
Railway track material n.e.s. ..	United States ...	35	-	-	104	-	-
<u>Pipes and tubes:</u>							
Cast iron	United States ...	28	-	-	299	-	-
	United Kingdom ..	566	-	-	826	-	-
	Australia	-	-	-	90	-	-
Drill pipe	United States ...	97	-	-	499	-	-
Oil country tubing 3 1/2" O.D. and under	United States ...	289	-	.1	799	-	.1
	United Kingdom ..	438	-	-	866	-	-
	France	-	-	-	178	-	-
	Japan	761	-	-	1,586	-	-
Casing, J-55 and H-40	United States ...	116	-	-	1,150	-	-
	United Kingdom ..	613	-	-	965	-	-
	France	-	-	-	32	-	-
	Germany	1,008	-	-	1,008	-	-
	Japan	1,565	-	-	3,147	-	-
Casing, all other	United States ...	27	-	-	235	-	-
	United Kingdom ..	59	-	-	59	-	-
	Japan	223	-	-	346	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
Seamless hot-finished:							
Up to and including 6-5/8" O.D.	United States ...	43	2	.4	296	13	26.6
	United Kingdom ..	26	-	-	26	-	-
	Japan	-	-	-	27	-	-
Over 6-5/8" O.D. up to and including 10 1/2" O.D.	United States ...	14	-	.9	30	52	.9
	United Kingdom ..	7	-	-	7	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States ...	139	4	1.2	595	5	2.4
	United Kingdom ..	2	-	-	2	-	-
	Germany	-	-	-	5	-	-
Over 16" O.D.	United States ...	287	-	-	559	-	-
Mechanical tubing	United States ...	2,727	42	3.4	5,383	637	11.5
	United Kingdom ..	9	109	-	73	225	-
	Germany	-	-	-	74	63	-
	Sweden	51	-	-	113	-	-
For pressure parts of boilers:							
Seamless hot-finished	United States ...	108	104	-	547	576	-
	United Kingdom ..	222	-	-	309	94	-
Seamless cold-drawn	United States ...	-	-	-	2	-	.4
	United Kingdom ..	5	-	-	20	-	-
Welded	United States ...	1	-	5.2	46	-	8.1
	United Kingdom ..	3	-	-	155	-	-
	France	-	-	-	8	-	-
	Germany	-	-	-	9	-	-
	Switzerland	21	-	-	175	-	-
Seamless cold-drawn n.e.s.	United States ...	114	9	16.4	385	14	59.4
	United Kingdom ..	2	-	10.5	77	8	26.7
	France	-	-	-	6	-	-
	Germany	6	-	-	6	-	-
	Japan	-	-	-	33	-	3.8
	Sweden	16	-	5.6	16	-	6.2
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	152	-	7.8	563	-	42.3
	United Kingdom ..	223	-	-	724	-	1.8
	France	168	-	-	740	-	-
	Germany	141	-	-	141	-	-
	Japan	89	-	-	208	-	-
	Sweden	2	-	-	2	-	-
Over 4 1/2" O.D. up to and including 16" O.D. n.e.s. ..	United States ...	35	-	3.6	105	-	14.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Welded - Concluded:							
Over 16" O.D. n.e.s.	United States ...	7	-	-	90	-	-
	United Kingdom ..	4	-	-	5	-	-
Spiral welded	United States ...	79	-	-	407	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	69	58	20.6	146	162	58.6
	United Kingdom ..	126	20	-	163	40	-
	Austria	-	-	.1	-	-	.1
	Germany	-	1	-	-	1	-
	Japan	-	-	1.5	-	-	1.5
	Sweden	40	-	4.6	40	-	4.6
Welding wire in coil form (excluding wire for the manu- facture of welding rods	United States ...	26	49	5.5	91	101	15.6
	United Kingdom ..	-	-	-	1	-	-
Wire n.e.s.	United States ...	113	1	5.9	317	10	23.2
	United Kingdom ..	50	-	2.6	126	-	6.0
	Austria	6	-	-	86	-	-
	Belgium	154	-	-	547	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	66	-	-	139	-	-
	Germany	-	-	-	44	-	.3
	Japan	104	-	.4	519	-	.4
	Netherlands	206	-	-	206	-	-
	Sweden	5	-	.2	7	-	2.2
Galvanized fencing wire	United Kingdom ..	66	-	-	283	-	-
	Belgium	83	-	-	83	-	-
	France	-	-	-	27	-	-
	Netherlands	10	-	-	10	-	-
Galvanized n.e.s.	United States ...	21	-	-	83	-	-
	United Kingdom ..	51	-	-	234	-	-
	Austria	1	-	-	2	-	-
	Belgium	194	-	-	241	-	-
	France	-	-	-	25	-	-
	Germany	-	-	-	30	-	-
	Italy	3	-	-	6	-	-
	Japan	21	-	-	261	-	-
	Netherlands	5	-	-	5	-	-
Coated or covered with any material n.e.s.	United States ...	26	-	3.6	117	-	18.2
	United Kingdom ..	35	-	-	97	-	-
	Belgium	-	-	-	2	-	-
	Germany	1	-	-	1	-	-
	Japan	-	-	-	2	-	-
	Netherlands	-	-	-	2	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	March, 1962			Three months ended March, 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Wire and wire products - Concluded:</u>							
Wire rope	United States ...	34	-	1.6	258	-	3.2
	United Kingdom ..	224	-	-	552	-	-
	Belgium	15	-	-	40	-	-
	Denmark	6	-	-	9	-	-
	France	-	-	-	101	-	-
	Germany	34	-	-	107	-	-
	Japan	226	-	-	636	-	-
	Netherlands	54	-	-	170	-	-
	Norway	-	-	-	12	-	-
	Sweden	1	-	-	2	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	-	-	-	25	-	-
	Japan	78	-	-	295	-	-
Wire, steel, valued at not less than 2 3/4¢ per pound, for wire rope	United States ...	12	-	-	90	-	-
	United Kingdom ..	1,221	-	-	2,822	-	-
	France	-	-	-	10	-	-
	Germany	135	-	-	780	-	-
	Japan	107	-	-	608	-	-
Totals		45,246	4,074	1,152.1	123,547	12,701	3,803.1

Doc CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of
(1)

PRIMARY IRON AND STEEL

JULY 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

September 1962
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 7

TABLE 1. Description of Iron Blast Furnaces(1) at End of July 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	14	4,443,100	87.9
Banked	-	-	-
Blown out	3	611,800	12.1
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	July 1962	Seven months ended July 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	94,443	488,128
From foreign mines	177,690	1,174,959
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	141,271	807,161
From foreign mines	198,304	1,391,433
From own processing	169,799	1,029,568
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,886	119,796
Scrap iron and steel	7,277	49,860
Limestone	67,670	444,252
Dolomite	34,516	292,014
Coke	307,474	1,862,932

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, July

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	377,972	12,517	396,289	2,161
Foundry (including silvery pig) (2)	26,941	47,499	31,809	42,578
Malleable	36,415	33,909	63,230	42,940
Total pig iron	441,328	93,925	491,328	87,679
Ferro-alloys	9,111	9,917	9,753	9,675
Stocks of pig iron on hand at end of month	312,016		411,690	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Seven Months Ended July

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	2,398,364	88,942	2,626,065	14,965
Foundry (including silvery pig) (2)	201,178	153,982	211,306	171,364
Malleable	135,077	148,355	298,641	221,216
Total pig iron	2,734,619	391,279	3,136,012	407,545
Ferro-alloys	61,974	65,878	76,516	70,038

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1962

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	July		Seven months ended July	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	369,691	406,814	2,325,149	2,626,236
Scrap - Own make	140,132	170,522	1,045,049	1,150,798
Purchased	85,190	108,624	756,752	866,693
Total pig iron and scrap	595,013	685,960	4,126,950	4,643,727

TABLE 7. Production and Shipments of Steel Ingots and Castings, July

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	487,010	22,493	560,176	46,124
Electric	44,858	5,525	43,860	6,568
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	531,868	28,018	604,036	52,692
Alloy steel ingots included in above	15,396	397	21,225	752
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	195	376	187	187
Electric	7,162	8,641	6,862	8,522
Other	112	128	-	-
Total steel castings	7,469	9,145	7,049	8,709
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	153	178	302	211
High alloy, manganese and abrasion resistant ...	1,029	1,222	1,499	1,849
All other alloys	335	224	234	255
Total alloy castings	1,517	1,624	2,035	2,315

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Seven Months Ended July

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	3,301,851	37,130	3,676,306	101,204
Electric	353,400	51,217	372,301	53,086
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	3,655,251	88,347	4,048,607	154,290
Alloy steel ingots included in above	135,788	2,676	178,616	5,739
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,613	1,613	2,423	2,423
Electric	58,715	60,475	72,226	71,079
Other	232	213	-	-
Total steel castings	60,560	62,301	74,649	73,502
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	1,432	1,273	1,991	1,643
High alloy, manganese and abrasion resistant ...	8,873	8,972	12,063	11,920
All other alloys	2,909	2,695	2,764	2,702
Total alloy castings	13,214	12,940	16,818	16,265

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	July 1962		Seven months ended July 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	59	-	59
All other	133	303	786	2,456
Automotive industries	302	14	1,496	132
Agricultural, including implement and equipment manufacturers	93	40	764	193
Machinery and tools	1,211	334	10,041	2,407
Mining, lumbering and quarrying industries	732	787	5,079	6,112
Oil and gas, including refineries	128	87	727	221
National defence	30	12	102	58
Public works and public utilities	8	24	131	157
Railway operating	1,654	110	29,373	1,129
Railway cars and locomotives	1,869	104	7,154	476
Shipbuilding	74	9	521	38
Miscellaneous and unclassified	160	432	1,063	2,827
Total shipments	6,394	2,315	57,237	16,265

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
net tons of 2,000 pounds					
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, July

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	13,249	15,584	18,815	20,310
Over 4 1/2" outside diameter (including all sizes of casing)	19,006	26,397	17,303	21,122
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	4,397	5,158	5,424	5,285
Totals	36,652	47,139	41,542	46,717
<u>Steel pipe fittings:</u>				
Buttwelding fittings	108	105	108	163
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	400	479	431	571
Totals	508	584	539	734

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Seven Months Ended July

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	104,929	101,047	128,572	116,526
Over 4 1/2 " outside diameter (including all sizes of casing)	254,498	247,379	102,393	95,012
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	41,275	40,780	44,593	45,274
Totals	400,702	389,206	275,558	256,812
<u>Steel pipe fittings:</u>				
Buttwelding fittings	461	572	719	796
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	2,790	3,276	3,127	3,575
Totals	3,251	3,848	3,846	4,371

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, July 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	6,543	7,592	7,592	-
For forging and piercing	13,308	13,575	-	13,575
Rails	22,948	23,430	-	23,430
Wire rods	31,878	34,612	-	34,612
Structural shapes:				
Heavy, including piling	37,702	29,951	-	29,951
Light	6,569	6,460	-	6,460
Concrete reinforcing bars	28,874	39,392	-	39,392
Other hot rolled bars	29,461	32,797	3,216	29,581
Tie plates and track material:				
Angle bars	466	465	-	465
Tie plates	6,398	6,145	-	6,145
Track spikes	834	879	-	879
Plates (including plates for pipes and tubes)	47,867	47,467	-	47,467
Hot rolled sheets and strip	226,038	219,375	147,458	71,917
Total hot rolled products ..	458,886	462,140	158,266	303,874
<u>Cold rolled and coated:</u>				
Cold finished bars	3,048	3,122	-	3,122
Cold reduced strip	3,715	3,387	-	3,387
Cold reduced sheets, tin mill black plate and tin plate	156,129	160,317	77,718	82,599
Galvanized sheets	34,503	34,548	-	34,548
Total cold rolled and coated .	197,395	201,374	77,718	123,656
Total carbon steel	656,281	663,514	235,984	427,530
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	141	141	141	-
For forging and piercing	1,036	1,036	-	1,036
Alloy plates	29	112	-	112
Other hot rolled bars, including high-speed steel and other alloy tool steel	8,097	7,187	104	7,083
Structurals	-	-	-	-
Cold finished bars	470	461	-	461
Wire rods	251	264	-	264
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	1,889	1,956	-	1,956
Total alloy steel	11,913	11,157	245	10,912

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Seven Months Ended July 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	67,546	67,135	67,135	-
For forging and piercing	117,935	118,739	-	118,739
Rails	153,499	157,387	-	157,387
Wire rods	207,863	209,761	-	209,761
Structural shapes:				
Heavy, including piling	214,858	197,732	-	197,732
Light	43,732	45,296	-	45,296
Concrete reinforcing bars	229,211	225,311	-	225,311
Other hot rolled bars	224,809	228,351	20,822	207,529
Tie plates and track material:				
Angle bars	11,132	10,967	-	10,967
Tie plates	44,143	46,150	-	46,150
Track spikes	5,386	6,166	-	6,166
Plates (including plates for pipes and tubes)	341,684	342,131	-	342,131
Hot rolled sheets and strip	1,503,642	1,466,229	1,023,500	442,729
Total hot rolled products ..	3,165,440	3,121,355	1,111,457	2,009,898
<u>Cold rolled and coated:</u>				
Cold finished bars	22,383	22,969	-	22,969
Cold reduced strip	33,558	30,725	-	30,725
Cold reduced sheets, tin mill black plate and tin plate	1,055,603	1,066,609	495,406	571,203
Galvanized sheets	223,925	220,911	-	220,911
Total cold rolled and coated .	1,335,469	1,341,214	495,406	845,808
Total carbon steel	4,500,909	4,462,569	1,606,863	2,855,706
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	228	228	228	-
For forging and piercing	9,886	10,612	-	10,612
Alloy plates	731	889	-	889
Other hot rolled bars, including high-speed steel and other alloy tool steel	61,585	56,173	602	55,571
Structurals	-	-	-	-
Cold finished bars	3,433	3,567	-	3,567
Wire rods	1,277	1,252	-	1,252
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	16,447	16,556	-	16,556
Total alloy steel	93,587	89,277	830	88,447

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		July 1962		Seven months ended July 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	60,222	573	406,934	4,415
5	Direct export:				
	(a) British Commonwealth	3,510	256	27,560	2,742
	(b) All other	34,596	1,998	220,278	11,044
6	Automotive industries	14,551	2,555	137,196	31,039
7	Agricultural, including implement and equipment manufacturers	8,162	285	57,920	1,560
8	Building construction	99,028	168	567,325	1,285
9	Container industry	41,308	179	244,033	563
10	Machinery and tools	19,334	2,225	136,937	16,935
11	Merchant trade products	37,661	1,051	237,666	6,521
12	Mining, lumbering, etc.	4,852	1,225	36,740	8,499
13	National defence	290	13	1,512	147
14	Pressing, forming and stamping	19,531	335	158,534	2,300
15	Public works and utilities	3,082	-	23,794	-
16	Railway operating	18,895	19	177,566	120
17	Railway cars and locomotives	8,708	18	41,262	332
18	Shipbuilding	5,059	12	59,791	151
19	Pipes and tubes	47,723	-	312,176	794
20	Miscellaneous and unclassified	1,018	-	8,482	-
	Net shipments	427,530	10,912	2,855,706	88,447

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	3	79	797	6,960	1,542	9,713	8,488
5.	Direct export:							
	(a) British Commonwealth	-	-	-	-	-	579	151
	(b) All other	407	9,513	36	155	67	328	1,625
6	Automotive industries .	939	-	62	49	23	-	4,316
7	Agricultural, etc.	-	-	23	438	512	-	3,588
8	Building construction .	86	256	1,554	17,502	2,218	25,975	2,780
9	Container industry	-	-	26	-	-	-	74
10	Machinery and tools ...	679	23	312	649	593	109	3,883
11	Merchant trade	127	-	31,970	19	143	-	5,323
12	Mining, lumbering, etc.	181	332	66	47	319	158	3,697
13	National defence	-	-	-	-	-	223	70
14	Pressing, forming and stamping	40	-	9	242	808	-	722
15	Public works and utilities	8	-	-	208	-	2,222	121
16	Railway operating	4	13,227	20	35	55	-	535
17	Railway cars and locomotives	1,426	-	1	2,664	32	-	926
18	Shipbuilding	11	-	-	983	103	-	241
19	Pipes and tubes	10,700	-	-	-	-	-	-
20	Miscellaneous and unclassified	-	-	-	-	45	85	124
	Net shipments	14,611	23,430	34,876	29,951	6,460	39,392	36,664

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
102	9,020	9,090	1,093	143	8,204	5,561	60,795	4
								5
-	-	2,787	-	-	249	-	3,766	(a)
2,652	1,049	10,302	5	-	8,749	1,706	36,594	(b)
-	138	5,624	782	825	3,912	436	17,106	6
-	754	1,467	674	5	850	136	8,447	7
1	14,309	6,149	18	139	5,638	22,571	99,196	8
-	-	438	1	22	40,743	183	41,487	9
2	7,945	3,833	460	319	2,039	713	21,559	10
-	9	118	289	7	670	37	38,712	11
20	816	354	45	-	11	31	6,077	12
-	-	2	8	-	-	-	303	13
-	1,184	4,862	198	1,260	7,976	2,565	19,866	14
-	84	-	-	102	337	-	3,082	15
4,712	185	98	3	-	4	36	18,914	16
-	2,039	1,123	1	-	51	463	8,726	17
-	3,677	30	1	-	25	-	5,071	18
-	6,370	27,486	-	40	3,062	65	47,723	19
-	-	110	5	525	79	45	1,018	20
7,489	47,579	73,873	3,583	3,387	82,599	34,548	438,442	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
4	Wholesalers and warehouses	989	795	4,464	51,352	15,410	61,825	52,476
5	Direct export:							
	(a) British Commonwealth	-	-	231	-	-	6,640	1,919
	(b) All other	3,351	36,860	829	750	135	3,844	10,016
6	Automotive industries .	12,728	-	301	640	396	-	44,434
7	Agricultural, etc.	7	-	121	3,152	3,671	2	22,925
8	Building construction .	254	1,125	9,830	110,019	15,993	133,136	17,198
9	Container industry	79	-	103	-	-	1	260
10	Machinery and tools ...	9,482	341	2,978	5,798	2,257	1,377	27,831
11	Merchant trade	2,251	-	191,321	498	627	8	40,837
12	Mining, lumbering, etc.	1,507	3,659	588	2,890	492	433	26,559
13	National defence	-	3	-	-	-	941	138
14	Pressing, forming and stamping	94	-	64	1,027	4,424	19	5,098
15	Public works and utilities	8	38	54	3,820	11	16,723	374
16	Railway operating	36	114,457	122	1,887	388	16	4,344
17	Railway cars and locomotives	7,508	103	5	8,542	603	-	5,970
18	Shipbuilding	20	6	1	7,337	791	-	1,813
19	Pipes and tubes	91,037	-	-	20	-	-	298
20	Miscellaneous and unclassified	-	-	1	-	98	346	610
	Net shipments	129,351	157,387	211,013	197,732	45,296	225,311	263,100

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,651	56,389	56,690	7,219	1,135	61,435	39,519	411,349	4
								5
-	-	19,064	46	-	733	1,669	30,302	(a)
11,485	13,812	53,280	34	-	64,413	32,513	231,322	(b)
-	1,549	52,601	6,658	6,330	38,186	4,412	168,235	6
-	3,904	14,871	3,608	76	5,814	1,329	59,480	7
554	92,966	34,772	211	1,560	35,178	115,814	568,610	8
-	5	1,909	9	320	240,891	1,019	244,596	9
36	49,746	30,202	3,554	2,080	15,589	2,601	153,872	10
14	52	863	2,797	117	4,482	320	244,187	11
636	4,632	1,729	361	-	1,590	163	45,239	12
-	102	34	53	369	19	-	1,659	13
1	3,809	42,952	1,823	11,425	72,932	17,166	160,834	14
1	1,989	41	-	202	533	-	23,794	15
48,825	4,652	1,646	24	-	81	1,208	177,686	16
61	10,188	6,701	26	-	497	1,390	41,594	17
1	48,415	1,326	16	-	85	131	59,942	18
-	50,804	140,291	3	1,130	27,949	1,438	312,970	19
18	6	313	94	5,981	796	219	8,482	20
63,283	343,020	459,285	26,536	30,725	571,203	220,911	2,944,153	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	June 1962	Six months ended June 1962
	net tons of 2,000 pounds	
Pig iron	65,167	175,302
Sponge iron	327	2,220
Steel ingots	23,152	56,684
Blooms, billets, slab steel	503	2,588
Iron castings, n.e.s.	651	3,579
Steel castings	459	2,353
Forgings, n.e.s.	1,572	8,583
Bars steel, hot rolled	1,623	14,735
Wire rods steel, hot rolled	538	1,532
Bars steel, cold rolled	78	829
Plate steel	2,327	9,468
Sheet and strip, carbon steel, hot rolled	19,059	53,579
Sheet and strip, carbon steel, cold rolled	1,300	13,232
Sheet, strip, galvanized	5,202	33,439
Sheet and strip, n.e.s.	5,511	51,817
Structural shapes	849	4,835
Rails	8,797	32,357
Cast iron pipe	-	112
Pipes and tubes, iron and steel, n.e.s.	5,095	29,594
Totals	142,210	496,838

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	April 1962			Four months ended April 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	27,967	2,964	855.0	100,879	14,977	3,311.7
United Kingdom	8,077	278	213.3	24,998	798	1,241.3
Australia	888	-	-	2,131	-	-
Austria	209	35	-	297	64	.1
Belgium	11,105	-	-	21,682	-	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	8	-	-	17	-	-
France	4,675	-	10.3	7,122(1)	-	28.3
Germany	3,064	-	.2	7,122	64	2.1
Italy	72	-	-	84	-	-
Japan	7,501	-	132.1	21,662	-	268.8
Netherlands	60	-	-	455	-	-
Norway	102	-	-	114	-	-
Sweden	143	14	147.8	408	89	308.4
Switzerland	28	-	-	203	-	-
Totals	63,899	3,291	1,358.7	187,238	15,992	5,161.8

(1) Includes revision for March as noted on page 17.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pig iron:</u>							
Other	United States ...	-	-	-	17	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	103	21	7.4	243	173	51.6
Billets, blooms, slabs and sheet bar	United States ...	40	39	82.8	975	125	291.3
	United Kingdom ..	88	-	-	506	2	-
Tool steel ingots	United States ...	4	72	-	42	167	-
Tool steel billets	United States ...	-	7	-	3	26	-
	United Kingdom ..	-	10	-	2	24	-
	Austria	-	6	-	-	16	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ..	United States ...	-	-	-	21	-	-
	Australia	448	-	-	448	-	-
	Belgium	6,695	-	-	10,818	-	-
	France	328	-	-	328	-	-
	Germany	145	-	-	441	-	-
	Japan	577	-	-	4,341	-	-
Hot rolled bars n.e.s.	United States ...	856	290	13.9	2,935	1,439	31.9
	United Kingdom ..	53	22	11.9	435	64	85.9
	Australia	-	-	-	124	-	-
	Austria	-	9	-	-	12	-
	Belgium	755	-	-	1,792	-	-
	France	-	-	-	69	-	-
	Germany	266	-	-	403	-	-
	Japan	160	-	-	477	-	-
Hot rolled bars for agricul- tural implements	United States ...	102	7	-	443	25	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	62	-	10.5	183	10	10.7
	United Kingdom ..	-	18	2.2	56	26	9.2
Wire rods, steel, hot rolled	United States ...	5	-	-	56	-	-
	United Kingdom ..	206	-	-	628	-	-
	Australia	99	-	-	537	-	-
	Belgium	1,669	-	-	2,087	-	-
	France	1,213	-	-	2,145(1)	-	-
	Germany	170	-	-	267	-	-
	Japan	349	-	-	710	-	-

(1) Includes revision for March which should have read 142 tons.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	46	31	8.9	202	103	36.2
	United Kingdom ..	269	-	5.5	538	1	11.6
	Belgium	58	-	-	225	-	-
	Japan	58	-	-	58	-	-
Cold rolled bars for agri- cultural implements	United States ...	22	-	-	190	-	-
Bars and rods tool steel	United States ...	132	27	-	817	135	-
	United Kingdom ..	3	28	-	25	107	-
	Austria	5	18	-	5	34	-
	Sweden	-	5	-	32	67	-
<u>Plates:</u>							
60" and under in width	United States ...	321	503	53.2	960	2,432	215.5
	United Kindgom ..	21	-	27.3	1,135	1	200.2
	Australia	257	-	-	569	-	-
	Belgium	86	-	-	315	-	-
	Germany	710	-	-	844	-	-
	Japan	506	-	16.6	1,036	-	21.3
Over 60" up to and including 100" in width	Sweden	-	1	18.6	4	7	40.9
	United States ...	680	162	32.1	2,162	1,239	251.3
	United Kingdom ..	10	-	-	434	-	-
	Australia	48	-	-	143	-	-
	Belgium	9	-	-	9	-	-
	Germany	839	-	-	1,405	-	-
Over 100" in width	Japan	1,219	-	-	1,493	-	-
	Sweden	-	-	6.5	-	1	34.5
	United States ...	372	58	-	824	61	7.7
Floor plate	United Kingdom ..	-	-	-	4	-	-
	Japan	52	-	-	52	-	-
	United States ...	263	-	-	960	-	-
Flanged, dished, drilled or not	United Kingdom ..	50	-	-	176	-	-
	Japan	10	-	-	742	-	-
	United States ...	291	-	-	1,039	-	-
<u>Plate, sheet or strip, for saws and for pipes and tubes:</u>							
Plate, sheet or strip not tempered or ground, for saws	United States ...	78	-	-	489	-	-
	United Kingdom ..	9	-	-	43	-	-
	France	-	-	-	4	-	-
	Germany	1	-	-	2	-	-
	Sweden	17	-	-	34	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip, for saws</u> <u>and for pipes and tubes -</u> <u>Concluded:</u>							
Plate, sheet or strip, hardened, tempered or ground, for saws							
	United States ...	10	-	-	51	-	-
	United Kingdom ..	4	-	-	8	-	-
	Sweden	9	-	-	40	-	-
Carbon steel, hot rolled for pipes and tubes, over 60" in width							
	Japan	1,381	-	-	1,381	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width							
	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	133	-	-
Carbon steel, cold rolled, for pipes and tubes							
	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width							
	United States ...	499	42	-	1,777	99	-
	United Kingdom ..	59	-	-	125	-	-
	Australia	-	-	-	32	-	-
	Austria	-	2	-	-	2	-
	Belgium	159	-	-	447	-	-
	France	-	-	-	35	-	-
	Germany	-	-	-	6	-	-
	Japan	-	-	-	18	-	-
Hot rolled 24" to 51" in width							
	United States ...	288	1	-	1,710	28	-
	Australia	5	-	-	24	-	-
	Belgium	-	-	-	101	-	-
	Germany	43	-	-	77	-	-
	Japan	30	-	-	177	-	-
Hot rolled over 51" in width							
	United States ...	941	5	-	3,995	49	-
	United Kingdom ..	-	-	-	35	-	-
	Japan	237	-	-	259	-	-
Cold rolled under 24" in width							
	United States ...	468	3	-	1,577	16	-
	United Kingdom ..	21	-	-	81	-	-
	Belgium	-	-	-	15	-	-
	Germany	-	-	-	23	-	-
	Netherlands	-	-	-	2	-	-
	Sweden	2	-	-	3	1	-
Cold rolled 24" to 51" in width							
	United States ...	609	1	-	2,264	1	-
	Australia	31	-	-	31	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless - Concluded:</u>							
Cold rolled over 51" in width	United States ...	1,085	-	-	3,535	-	-
Finished for porcelain enamelling	United States ...	557	-	-	2,158	-	-
Tin plate primes	United States ...	22	-	-	181	-	-
Tin plate electrolytic	United States ...	20	-	-	88	-	-
	United Kingdom ..	498	-	-	1,924	-	-
Tin plate wasters, seconds or rejects	United States ...	51	-	-	255	-	-
Asbestos bonded (includes galvanized)	United States ...	3	-	-	78	-	-
	United Kingdom ..	9	-	-	35	-	-
Electro-galvanized	United States ...	122	-	-	605	-	-
Galvanized n.e.s.	United States ...	194	-	-	1,118	-	-
	United Kingdom ..	4	-	-	16	-	-
	Belgium	-	-	-	6	-	-
	Germany	-	-	-	8	-	-
	Japan	30	-	-	190	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States ...	598	-	-	2,742	-	-
	United Kingdom ..	-	-	-	58	-	-
Aluminized	United States ...	439	-	-	1,698	-	-
Metal coated n.e.s.	United States ...	43	-	-	249	-	-
	United Kingdom ..	2	-	-	8	-	-
	Germany	5	-	-	29	-	-
Coated n.e.s.	United States ...	802	-	-	3,265	-	-
	United Kingdom ..	24	-	-	140	-	-
	Germany	19	-	-	19	-	-

Sheets and strip, stainless and silicon:

Hot rolled stainless:

18" and under in width 18 gauge and heavier							
	United States ...	-	-	4.3	-	-	7.1
	United Kingdom ..	-	-	-	-	-	.3
18" and under in width lighter than 18 gauge ...							
	United States ...	-	-	-	-	-	.8

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Hot rolled stainless - Concluded:							
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	7.4	-	-	25.4
	United Kingdom ..	-	-	85.1	-	-	408.9
	Belgium	-	-	-	-	-	1.1
	Sweden	-	-	106.5	-	-	199.9
Over 18" to 60" in width lighter than 18 gauge ...	United States ...	-	-	.9	-	-	1.5
	United Kingdom ..	-	-	17.5	-	-	81.1
Over 60" in width	United States ...	-	-	.6	-	-	2.5
	Sweden	-	-	9.9	-	-	9.9
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	23.6	-	-	166.4
	United Kingdom ..	-	-	-	-	-	7.8
18" and under in width lighter than 18 gauge ...	United States ...	-	-	100.7	-	-	396.3
	France	-	-	10.3	-	-	10.3
	Germany	-	-	-	-	-	1.6
	Japan	-	-	-	-	-	.1
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	165.3	-	-	697.0
	United Kingdom ..	-	-	14.1	-	-	154.4
	Japan	-	-	40.2	-	-	88.3
Over 18" to 51" in width lighter than 18 gauge ...	United States ...	-	-	243.8	-	-	710.1
	United Kingdom ..	-	-	6.3	-	-	204.0
	France	-	-	-	-	-	18.0
	Japan	-	-	15.7	-	-	93.8
Over 51" in width	United States ...	-	-	8.1	-	-	32.1
	Japan	-	-	59.6	-	-	59.6
Electrical, silicon 2.90 or more	United States ...	-	1,392	-	-	6,591	-
Electrical n.e.s.	United States ...	-	74	-	-	386	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	3,271	-	-	9,262	-	-
	United Kingdom ..	1,415	-	-	1,543	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded:</u>							
Bearing piling	United States ...	325	-	-	2,560	-	-
	United Kingdom ..	-	-	-	33	-	-
	France	-	-	-	53	-	-
Wide flange beams n.e.s.	United States ...	5,745	-	-	19,607	-	-
	United Kingdom ..	7	-	-	1,344	-	-
	Belgium	100	-	-	472	-	-
	Germany	144	-	-	253	-	-
Structural shapes large size n.e.s.	United States ...	1,419	-	-	5,471	-	-
	United Kingdom ..	202	-	-	839	-	-
	Belgium	571	-	-	1,193	-	-
	France	21	-	-	21	-	-
Structural shapes interme- diate size n.e.s.	United States ...	389	-	-	1,264	-	-
	United Kingdom ..	-	-	-	201	-	-
	Belgium	39	-	-	1,260	-	-
	France	53	-	-	101	-	-
	Germany	93	-	-	110	-	-
	Italy	-	-	-	6	-	-
	Japan	89	-	-	89	-	-
Structural shapes bar size n.e.s.	United States ...	359	12	-	948	85	-
	United Kingdom ..	1	2	-	152	8	-
	Belgium	584	-	-	1,634	-	-
	France	442	-	-	482	-	-
	Germany	299	-	-	305	-	-
	Japan	-	-	-	168	-	-
	Sweden	-	7	-	-	10	-
Sheet piling	United States ...	1,586	-	-	2,589	-	-
	United Kingdom ..	-	-	-	216	-	-
	Belgium	38	-	-	38	-	-
	Germany	-	-	-	46	-	-
	Japan	109	-	-	109	-	-
Sash, casement or frame sec- tions, not punched, drilled nor further manufactured, for metal window frames ...	United States ...	211	-	-	397	-	-
	United Kingdom ..	58	-	-	131	-	-
	Belgium	-	-	-	15	-	-
<u>Rails, railway track material, steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles	United States ...	6	-	-	12	-	-
Tires of steel in the rough for railway vehicles	United States ...	9	-	-	38	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u>							
<u>steel wheels and tires -</u>							
<u>Concluded:</u>							
Steel wheels for use on							
railway rolling stock	United States ...	8	-	-	84	-	-
	United Kingdom ..	55	-	-	231	-	-
Rails 60 lb. and under per							
lineal yard	United States ...	-	-	-	2	-	-
	Germany	-	-	-	336	-	-
Rails over 60 lb. up to and							
including 100 lb. per							
lineal yard	United States ...	10	-	-	161	-	-
	United Kingdom ..	6	-	-	90	-	-
Rails over 100 lb. per lineal							
yard	United States ...	4	-	-	569	-	-
Fish plates, splice bars,							
rail joints and tie plates,							
iron and steel	United States ...	135	-	-	229	-	-
	United Kingdom ..	1	-	-	2	-	-
	Germany	-	-	-	13	-	-
Railway track material n.e.s.	United States ...	14	-	-	118	-	-
<u>Pipes and tubes:</u>							
Cast iron	United States ...	21	-	-	320	-	-
	United Kingdom ..	726	-	-	1,552	-	-
	Australia	-	-	-	90	-	-
Drill pipe	United States ...	227	-	-	726	-	-
Oil country tubing 3 1/2"							
O.D. and under	United States ...	499	-	-	1,298	-	.1
	United Kingdom ..	151	-	-	1,017	-	-
	Austria	70	-	-	70	-	-
	France	-	-	-	178	-	-
	Italy	72	-	-	72	-	-
	Japan	146	-	-	1,732	-	-
Casing, J-55 and H-40	United States ...	81	-	-	1,231	-	-
	United Kingdom ..	1,156	-	-	2,121	-	-
	France	-	-	-	32	-	-
	Germany	-	-	-	1,008	-	-
	Japan	349	-	-	3,496	-	-
Casing, all other	United States ...	34	-	-	269	-	-
	United Kingdom ..	-	-	-	59	-	-
	Japan	1,384	-	-	1,730	-	-
<u>Seamless hot-finished:</u>							
Up to and including 6 5/8"							
O.D.	United States ...	129	13	.4	425	26	27.0
	United Kingdom ..	34	-	-	60	-	-
	Japan	-	-	-	27	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
Pipes and tubes - Continued:							
Seamless hot-finished - Concluded:							
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ..	United States ...	2	9	-	32	61	.9
	United Kingdom ..	12	-	-	19	-	-
Over 10 1/2" O.D. up to and including 16" O.D.	United States ...	63	2	.3	658	7	2.7
	United Kingdom ..	7	-	-	9	-	-
	Germany	-	-	-	5	-	-
Over 16" O.D.	United States ...	77	-	-	636	-	-
Mechanical tubing	United States ...	1,389	18	4.3	6,772	655	15.8
	United Kingdom ..	46	38	3.2	119	263	3.2
	Denmark	5	-	-	5	-	-
	Germany	20	-	-	94	63	-
	Netherlands	3	-	-	3	-	-
	Sweden	57	1	-	170	1	-
For pressure parts of boilers:							
Seamless hot-finished	United States ...	119	27	1.0	666	603	1.0
	United Kingdom ..	71	154	-	380	248	-
	Germany	39	-	-	39	-	-
Seamless cold-drawn	United States ...	24	8	.2	26	8	.6
	United Kingdom ..	-	4	-	20	4	-
Welded	United States ...	57	-	-	103	-	8.1
	United Kingdom ..	16	-	-	171	-	-
	France	-	-	-	8	-	-
	Germany	-	-	-	9	-	-
	Switzerland	28	-	-	203	-	-
Seamless cold-drawn n.e.s. ..	United States ...	149	2	13.7	534	16	73.1
	United Kingdom ..	22	-	36.4	99	8	63.1
	France	-	-	-	6	-	-
	Germany	64	-	-	70	-	-
	Japan	-	-	-	33	-	3.8
	Sweden	10	-	4.8	26	-	11.0
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	229	-	22.1	792	-	64.4
	United Kingdom ..	548	-	.2	1,272	-	2.0
	Belgium	5	-	-	5	-	-
	France	2,075	-	-	2,815	-	-
	Germany	136	-	-	277	-	-
	Japan	267	-	-	475	-	-
	Norway	98	-	-	98	-	-
	Sweden	3	-	1.4	5	-	1.4

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	April 1962			Four months ended		
		Carbon	Alloy	Stain- less	April 1962		
					Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Welded - Concluded:							
Over 4 1/2" O.D. up to and including 16" O.D. n.e.s.	United States ...	132	-	3.4	237	-	17.7
Over 16" O.D. n.e.s.	United States ...	25	-	-	115	-	-
	United Kingdom ..	-	-	-	5	-	-
Spiral welded	United States ...	23	-	-	430	-	-
Conduit	United States ...	57	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	34	68	28.0	180	230	86.6
	United Kingdom ..	139	2	-	302	42	-
	Austria	-	-	-	-	-	.1
	Germany	-	-	-	-	1	-
	Japan	-	-	-	-	-	1.5
	Sweden	13	-	.1	53	-	4.7
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States ...	41	53	5.7	132	154	21.3
	United Kingdom ..	-	-	-	1	-	-
Wire n.e.s.	United States ...	117	17	8.2	434	27	31.4
	United Kingdom ..	90	-	3.6	216	-	9.6
	Austria	106	-	-	192	-	-
	Belgium	84	-	-	631	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	178	-	-	317	-	-
	Germany	4	-	.2	48	-	.5
	Japan	65	-	-	584	-	.4
	Netherlands	-	-	-	206	-	-
	Norway	1	-	-	1	-	-
	Sweden	32	-	-	39	-	2.2
Galvanized fencing wire	United Kingdom ..	30	-	-	313	-	-
	Belgium	91	-	-	174	-	-
	France	-	-	-	27	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States ...	31	-	-	114	-	-
	United Kingdom ..	100	-	-	334	-	-
	Austria	28	-	-	30	-	-
	Belgium	83	-	-	324	-	-
	France	53	-	-	78	-	-
	Germany	-	-	-	30	-	-
	Italy	-	-	-	6	-	-
	Japan	26	-	-	297	-	-
	Netherlands	-	-	-	5	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	April 1962			Four months ended April 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Wire and wire products -</u>							
<u>Concluded:</u>							
Coated or covered with any							
material n.e.s.	United States ...	32	-	4.2	149	-	22.4
	United Kingdom ..	9	-	-	106	-	-
	Belgium	1	-	-	3	-	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	2	-	-
	Netherlands	-	-	-	2	-	-
Wire rope							
	United States ...	711	-	-	969	-	3.2
	United Kingdom ..	186	-	-	738	-	-
	Belgium	78	-	-	118	-	-
	Denmark	3	-	-	12	-	-
	France	312	-	-	413	-	-
	Germany	11	-	-	118	-	-
	Japan	197	-	-	833	-	-
	Netherlands	57	-	-	227	-	-
	Norway	3	-	-	15	-	-
	Sweden	-	-	-	2	-	-
Wire, steel, spring for							
mattresses, cushions or							
upholstery	United States ...	41	-	-	66	-	-
	Japan	11	-	-	306	-	-
Wire, steel, valued at not							
less than 2 3/4 cents per							
pound for wire rope	United States ...	4	-	-	94	-	-
	United Kingdom ..	1,659	-	-	4,481	-	-
	France	-	-	-	10	-	-
	Germany	56	-	-	836	-	-
	Japan	249	-	-	857	-	-
Totals		63,899	3,291	1,358.7	187,238(1)	15,992	5,161.8

(1) Includes revision for March which should have read 142 tons.

70c
CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

AUGUST 1962



Published by Authority of

The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

October 1962
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 8

TABLE 1. Description of Iron Blast Furnaces(1) at End of August 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	14	4,443,100	87.9
Banked	-	-	-
Blown out	3	611,800	12.1
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	August 1962	Eight months ended August 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	100,793	588,921
From foreign mines	171,931	1,346,890
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	161,667	968,828
From foreign mines	187,990	1,579,423
From own processing	157,527	1,187,095
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,279	134,075
Scrap iron and steel	8,076	57,936
Limestone	61,586	505,838
Dolomite	35,511	327,525
Coke	307,128	2,170,060

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, August

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	368,891	14,126	400,611	11,555
Foundry (including silvery pig) (2)	28,422	24,397	27,501	37,791
Malleable	40,495	59,361	64,222	37,930
Total pig iron	437,808	97,884	492,334	87,276
Ferro-alloys	9,367	10,068	11,188	13,259
Stocks of pig iron on hand at end of month	284,151		403,028	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Eight Months Ended August

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	2,767,255	103,068	3,026,676	26,520
Foundry (including silvery pig) (2)	229,600	178,379	238,807	209,155
Malleable	175,572	207,716	362,863	259,146
Total pig iron	3,172,427	489,163	3,628,346	494,821
Ferro-alloys	71,341	75,946	87,704	83,297

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	August		Eight months ended August	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	363,383	413,079	2,688,532	3,039,315
Scrap - Own make	154,836	178,704	1,199,885	1,329,502
Purchased	132,743	141,026	889,495	1,007,719
Total pig iron and scrap	650,962	732,809	4,777,912	5,376,536

TABLE 7. Production and Shipments of Steel Ingots and Castings, August

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	514,335	11,379	588,398	31,307
Electric	58,727	6,797	52,254	6,690
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	573,062	18,176	640,652	37,997
Alloy steel ingots included in above	20,423	674	27,503	880
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	294	294	252	252
Electric	9,588	9,260	10,370	8,609
Other	17	27	-	-
Total steel castings	9,899	9,581	10,622	8,861
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	159	143	162	159
High alloy, manganese and abrasion resistant ...	1,451	1,276	1,564	1,655
All other alloys	397	422	468	451
Total alloy castings	2,007	1,841	2,194	2,265

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Eight Months Ended August

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	3,816,186	48,509	4,264,704	132,511
Electric	412,127	58,014	424,555	59,776
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	4,228,313	106,523	4,689,259	192,287
Alloy steel ingots included in above	156,211	3,350	206,119	6,619
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,907	1,907	2,675	2,675
Electric	68,303	69,735	82,596	79,688
Other	249	240	-	-
Total steel castings	70,459	71,882	85,271	82,363
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	1,591	1,416	2,153	1,802
High alloy, manganese and abrasion resistant ...	10,324	10,248	13,627	13,575
All other alloys	3,306	3,117	3,232	3,153
Total alloy castings	15,221	14,781	19,012	18,530

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	August 1962		Eight months ended August 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	59
All other	97	225	883	2,681
Automotive industries	211	26	1,707	158
Agricultural, including implement and equipment manufacturers	80	27	844	220
Machinery and tools	1,206	514	11,247	2,921
Mining, lumbering and quarrying industries	576	702	5,655	6,814
Oil and gas, including refineries	86	43	813	264
National defence	33	20	135	78
Public works and public utilities	47	16	178	173
Railway operating	2,755	148	32,128	1,277
Railway cars and locomotives	1,322	178	8,476	654
Shipbuilding	55	23	576	61
Miscellaneous and unclassified	128	343	1,191	3,170
Total shipments	6,596	2,265	63,833	18,530

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro-alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, August

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	15,370	19,198	16,418	18,330
Over 4 1/2" outside diameter (including all sizes of casing)	45,918	55,763	23,172	22,096
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,401	6,681	5,928	5,748
Totals	68,689	81,642	45,518	46,174
<u>Steel pipe fittings:</u>				
Buttwelding fittings	55	84	93	128
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	455	533	553	603
Totals	510	617	646	731

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Eight Months Ended August

	1961		1962	
	Made	Shipped net tons of 2,000 pounds	Made	Shipped
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	120,299	120,245	144,990	134,856
Over 4 1/2 " outside diameter (including all sizes of casing)	300,416	303,142	125,565	117,108
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	48,676	47,461	50,521	51,022
Totals	469,391	470,848	321,076	302,986
<u>Steel pipe fittings:</u>				
Buttwelding fittings	516	656	812	924
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	3,245	3,809	3,680	4,178
Totals	3,761	4,465	4,492	5,102

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, August 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	21,552	32,728	7,011	25,717
For forging and piercing	13,613	12,065	-	12,065
Rails	14,322	16,077	-	16,077
Wire rods	29,173	28,514	-	28,514
Structural shapes:				
Heavy, including piling	40,118	39,829	-	39,829
Light	8,127	7,412	-	7,412
Concrete reinforcing bars	41,454	38,511	-	38,511
Other hot rolled bars	30,543	31,410	3,290	28,120
Tie plates and track material:				
Angle bars	1,063	940	-	940
Tie plates	2,359	2,987	-	2,987
Track spikes	538	537	-	537
Plates (including plates for pipes and tubes)	58,863	62,023	-	62,023
Hot rolled sheets and strip	224,798	222,421	154,679	67,742
Total hot rolled products ..	486,523	495,454	164,980	330,474
<u>Cold rolled and coated:</u>				
Cold finished bars	3,231	3,319	-	3,319
Cold reduced strip	3,622	3,359	-	3,359
Cold reduced sheets, tin mill black plate and tin plate	162,864	171,119	79,678	91,441
Galvanized sheets	32,658	34,596	-	34,596
Total cold rolled and coated .	202,375	212,393	79,678	132,715
Total carbon steel	688,898	707,847	244,658	463,189
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	282	282	282	-
For forging and piercing	1,020	945	-	945
Alloy plates	163	139	-	139
Other hot rolled bars, including high-speed steel and other alloy tool steel	6,795	7,996	94	7,902
Structurals	-	-	-	-
Cold finished bars	233	504	-	504
Wire rods	179	238	-	238
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,209	2,312	-	2,312
Total alloy steel	10,881	12,416	376	12,040

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eight Months Ended August 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	89,098	99,863	74,146	25,717
For forging and piercing	131,548	130,804	-	130,804
Rails	167,821	173,464	-	173,464
Wire rods	237,036	238,275	-	238,275
Structural shapes:				
Heavy, including piling	254,976	237,561	-	237,561
Light	51,859	52,708	-	52,708
Concrete reinforcing bars	270,665	263,822	-	263,822
Other hot rolled bars	255,352	259,761	24,112	235,649
Tie plates and track material:				
Angle bars	12,195	11,907	-	11,907
Tie plates	46,502	49,137	-	49,137
Track spikes	5,924	6,703	-	6,703
Plates (including plates for pipes and tubes)	400,547	404,154	-	404,154
Hot rolled sheets and strip	1,728,440	1,688,650	1,178,179	510,471
Total hot rolled products ..	3,651,963	3,616,809	1,276,437	2,340,372
<u>Cold rolled and coated:</u>				
Cold finished bars	25,614	26,288	-	26,288
Cold reduced strip	37,180	34,084	-	34,084
Cold reduced sheets, tin mill black plate and tin plate	1,218,467	1,237,728	575,084	662,644
Galvanized sheets	256,583	255,507	-	255,507
Total cold rolled and coated .	1,537,844	1,553,607	575,084	978,523
Total carbon steel	5,189,807	5,170,416	1,851,521	3,318,895
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	510	510	510	-
For forging and piercing	10,906	11,557	-	11,557
Alloy plates	894	1,028	-	1,028
Other hot rolled bars, including high-speed steel and other alloy tool steel	68,380	64,169	696	63,473
Structurals	-	-	-	-
Cold finished bars	3,666	4,071	-	4,071
Wire rods	1,456	1,490	-	1,490
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	18,656	18,868	-	18,868
Total alloy steel	104,468	101,693	1,206	100,487

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		August 1962		Eight months ended August 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	64,548	685	471,482	5,100
5	Direct export:				
	(a) British Commonwealth	28,969	344	56,529	3,086
	(b) All other	36,840	1,135	257,118	12,179
6	Automotive industries	18,934	4,858	156,130	35,897
7	Agricultural, including implement and equipment manufacturers	10,612	145	68,532	1,705
8	Building construction	98,737	191	666,062	1,476
9	Container industry	42,111	50	286,144	613
10	Machinery and tools	22,710	1,971	159,647	18,906
11	Merchant trade products	31,258	956	268,924	7,477
12	Mining, lumbering, etc.	5,446	1,150	42,186	9,649
13	National defence	159	24	1,671	171
14	Pressing, forming and stamping	24,680	484	183,214	2,784
15	Public works and utilities	4,407	-	28,201	-
16	Railway operating	8,149	16	185,715	136
17	Railway cars and locomotives	5,880	1	47,142	333
18	Shipbuilding	4,477	29	64,268	180
19	Pipes and tubes	54,665	1	366,841	795
20	Miscellaneous and unclassified	607	-	9,089	-
	Net shipments	463,189	12,040	3,318,895	100,487

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	-	151	477	10,683	2,194	8,189	8,014
5.	Direct export:							
	(a) British Commonwealth	25,717	-	-	-	-	600	157
	(b) All other	98	9,391	59	41	31	300	1,014
6	Automotive industries .	904	-	83	135	1	-	6,141
7	Agricultural, etc.	-	-	-	1,115	676	-	3,303
8	Building construction .	19	49	1,348	23,497	2,697	25,957	1,989
9	Container industry	-	-	-	-	-	1	85
10	Machinery and tools ...	1,185	27	377	1,396	404	385	4,546
11	Merchant trade	133	-	26,330	127	49	6	4,170
12	Mining, lumbering, etc.	95	710	56	422	111	-	4,004
13	National defence	-	-	-	-	-	55	7
14	Pressing, forming and stamping	237	-	22	174	789	-	697
15	Public works and utilities	-	-	-	303	50	2,916	73
16	Railway operating	-	5,743	-	73	19	26	707
17	Railway cars and locomotives	457	-	-	1,383	136	-	647
18	Shipbuilding	5	6	-	479	254	-	324
19	Pipes and tubes	9,877	-	-	-	-	-	6
20	Miscellaneous and unclassified	-	-	-	1	1	76	138
	Net shipments	38,727	16,077	28,752	39,829	7,412	38,511	36,022

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
62	10,687	8,421	911	156	8,639	6,649	65,233	4
								5
-	-	1,763	-	-	203	873	29,313	(a)
3,510	1,046	10,382	3	-	9,470	2,630	37,975	(b)
-	231	7,663	1,028	916	6,055	635	23,792	6
-	821	2,959	496	8	1,149	230	10,757	7
4	13,855	4,639	42	182	5,164	19,486	98,928	8
-	-	371	1	18	41,532	153	42,161	9
-	7,832	4,797	512	296	2,462	462	24,681	10
6	41	121	490	21	650	70	32,214	11
32	636	166	62	-	256	46	6,596	12
-	-	2	55	64	-	-	183	13
-	953	6,918	205	1,287	10,857	3,025	25,164	14
6	881	-	2	51	125	-	4,407	15
843	495	205	2	-	19	33	8,165	16
-	1,639	1,457	-	-	103	59	5,881	17
1	3,101	230	3	-	18	85	4,506	18
-	19,902	19,912	1	169	4,669	130	54,666	19
-	42	48	10	191	70	30	607	20
4,464	62,162	70,054	3,823	3,359	91,441	34,596	475,229	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	989	946	4,941	62,035	17,604	70,014	60,490
5	Direct export:							
	(a) British Commonwealth	25,717	-	231	-	-	7,240	2,076
	(b) All other	3,449	46,251	888	791	166	4,144	11,030
6	Automotive industries .	13,632	-	384	775	397	-	50,575
7	Agricultural, etc.	7	-	121	4,267	4,347	2	26,228
8	Building construction .	273	1,174	11,178	133,516	18,690	159,093	19,187
9	Container industry	79	-	103	-	-	2	345
10	Machinery and tools ...	10,667	368	3,355	7,194	2,661	1,762	32,377
11	Merchant trade	2,384	-	217,651	625	676	14	45,007
12	Mining, lumbering, etc.	1,602	4,369	644	3,312	603	433	30,563
13	National defence	-	3	-	-	-	996	145
14	Pressing, forming and stamping	331	-	86	1,201	5,213	19	5,795
15	Public works and 1 utilities	8	38	54	4,123	61	19,639	447
16	Railway operating	36	120,200	122	1,960	407	42	5,051
17	Railway cars and locomotives	7,965	103	5	9,925	739	-	6,617
18	Shipbuilding	25	12	1	7,816	1,045	-	2,137
19	Pipes and tubes	100,914	-	-	20	-	-	304
20	Miscellaneous and unclassified	-	-	1	1	99	422	748
	Net shipments	168,078	173,464	239,765	237,561	52,708	263,822	299,122

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,713	67,076	65,111	8,130	1,291	70,074	46,168	476,582	4
								5
-	-	20,827	46	-	936	2,542	59,615	(a)
14,995	14,858	63,662	37	-	73,883	35,143	269,297	(b)
-	1,780	60,264	7,686	7,246	44,241	5,047	192,027	6
-	4,725	17,830	4,104	84	6,963	1,559	70,237	7
558	106,821	39,411	253	1,742	40,342	135,300	667,538	8
-	5	2,280	10	338	282,423	1,172	286,757	9
36	57,578	34,999	4,066	2,376	18,051	3,063	178,553	10
20	93	984	3,287	138	5,132	390	276,401	11
668	5,268	1,895	423	-	1,846	209	51,835	12
-	102	36	108	433	19	-	1,842	13
1	4,762	49,870	2,028	12,712	83,789	20,191	185,998	14
7	2,870	41	2	253	658	-	28,201	15
49,668	5,147	1,851	26	-	100	1,241	185,851	16
61	11,827	8,158	26	-	600	1,449	47,475	17
2	51,516	1,556	19	-	103	216	64,448	18
-	70,706	160,203	4	1,299	32,618	1,568	367,636	19
18	48	361	104	6,172	866	249	9,089	20
67,747	405,182	529,339	30,359	34,084	662,644	255,507	3,419,382	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	July 1962	Seven months ended July 1962
	net tons of 2,000 pounds	
Pig iron	27,207	202,509
Sponge iron	344	2,564
Steel ingots	35,441	92,125
Blooms, billets, slab steel	517	3,105
Iron castings, n.e.s.	886	4,465
Steel castings	493	2,846
Forgings, n.e.s.	1,668	10,251
Bars steel, hot rolled	1,978	16,713
Wire rods steel, hot rolled	53	1,585
Bars steel, cold rolled	196	1,025
Plate steel	5,715	15,183
Sheet and strip, carbon steel, hot rolled	9,958	63,537
Sheet and strip, carbon steel, cold rolled	1,890	15,122
Sheet, strip, galvanized	1,723	35,162
Sheet and strip, n.e.s.	8,557	60,374
Structural shapes	811	5,646
Rails	9,722	42,079
Cast iron pipe	-	112
Pipes and tubes, iron and steel, n.e.s.	3,170	32,764
Totals	110,329	607,167

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	May 1962			Five months ended May 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	28,614	3,432	1,270.5	129,314(1)	18,409	4,582.2
United Kingdom	9,058	222	415.3	34,235(1)	1,020	1,656.6
Australia	-	-	-	2,131	-	-
Austria	281	29	-	578	93	.1
Belgium	15,697	-	-	37,379	-	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	17	-	-	34	-	-
France	5,274	-	-	12,396	-	28.3
Germany	12,182	10	.1	19,304	74	2.2
Israel	9	-	-	9	-	-
Italy	1	-	-	85	-	-
Japan	4,881	-	117.6	26,543	-	386.4
Netherlands	518	-	-	973	-	-
Norway	14	-	-	128	-	-
Sweden	363	73	240.6	771	162	549.0
Switzerland	133	-	-	336	-	-
Totals	77,042	3,766	2,044.1	264,280	19,758	7,205.9

(1) Includes revisions for January which should have read - United States 22,078, United Kingdom 5,342.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig Iron:</u>							
Other	United States ...	-	-	-	17	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	10	24	36.5	253	197	88.1
Billets, blooms, slabs and sheet bar	United States ...	162	35	131.1	1,137	160	422.4
	United Kingdom ..	-	-	-	506	2	-
	Germany	156	-	-	156	-	-
Tool steel ingots	United States ...	5	72	-	47	239	-
Tool steel billets	United States ...	-	1	-	3	27	-
	United Kingdom ..	-	-	-	2	24	-
	Austria	-	-	-	-	16	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ..	United States ...	13	-	-	34	-	-
	Australia	-	-	-	448	-	-
	Belgium	2,986	-	-	13,804	-	-
	France	2,358	-	-	2,686	-	-
	Germany	5,110	-	-	5,551	-	-
	Japan	775	-	-	5,116	-	-
Hot rolled bars n.e.s.	United States ...	1,260	312	10.6	4,195	1,751	42.5
	United Kingdom ..	397	17	29.2	832	81	115.1
	Australia	-	-	-	124	-	-
	Austria	-	17	-	-	29	-
	Belgium	3,090	-	-	4,882	-	-
	France	152	-	-	221	-	-
	Germany	443	-	-	846	-	-
	Japan	43	-	-	520	-	-
	Sweden	-	1	4.7	-	3	8.6
	Hot rolled bars for agri- cultural implements	United States ...	163	2	-	606	27
United Kingdom ..		-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	32	4	.1	215	14	10.8
	United Kingdom ..	70	1	1.1	126	27	10.3
Wire rods, steel, hot rolled	United States ...	3	-	-	59	-	-
	United Kingdom ..	422	-	-	1,050	-	-
	Australia	-	-	-	537	-	-
	Belgium	2,418	-	-	4,505	-	-
	France	1,746	-	-	3,891	-	-
	Germany	646	-	-	913	-	-
	Japan	448	-	-	1,158	-	-
	Netherlands	58	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	74	27	12.4	276	130	48.6
	United Kingdom ..	329	-	-	867	1	11.6
	Belgium	-	-	-	225	-	-
	Japan	-	-	-	58	-	-
Cold rolled bars for agri- cultural implements	United States ...	26	-	-	216	-	-
Bars and rods, tool steel ..	United States ...	96	30	-	913	165	-
	United Kingdom ..	1	14	-	26	121	-
	Austria	4	11	-	9	45	-
	Sweden	16	62	-	48	129	-
<u>Plates:</u>							
60" and under in width	United States ...	334	233	62.6	1,294	2,665	278.1
	United Kingdom ..	159	-	57.7	1,294	1	257.9
	Australia	-	-	-	569	-	-
	Belgium	95	-	-	410	-	-
	Germany	1,138	-	-	1,982	-	-
	Japan	-	-	-	1,036	-	21.3
	Sweden	8	4	65.7	12	11	106.6
Over 60" up to and including 100" in width	United States ...	370	375	82.3	2,532	1,614	333.6
	United Kingdom ..	60	-	-	494	-	-
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	9	-	-
	Germany	403	-	-	1,808	-	-
	Japan	122	-	-	1,615	-	-
	Sweden	-	-	68.6	-	1	103.1
Over 100" in width	United States ...	241	-	45.9	1,065	61	53.6
	United Kingdom ..	9	-	-	13	-	-
	Japan	-	-	-	52	-	-
Floor plates	United States ...	267	-	-	1,227	-	-
	United Kingdom ..	362	-	-	538	-	-
	Germany	22	-	-	22	-	-
	Japan	146	-	-	888	-	-
Flanged, dished, drilled or not	United States ...	564	-	-	1,603	-	-
<u>Plate, sheet or strip, for saws and for pipes and tubes:</u>							
Plate, sheet or strip not tempered or ground, for saws							
	United States ...	166	-	-	655	-	-
	United Kingdom ..	1	-	-	44	-	-
	France	2	-	-	6	-	-
	Germany	2	-	-	4	-	-
	Sweden	25	-	-	59	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip, for saws</u> <u>and for pipes and tubes -</u> <u>Concluded:</u>							
Plate, sheet or strip, hardened, tempered or ground for saws	United States ...	12	-	-	63	-	-
	United Kingdom ..	3	-	-	11	-	-
	Sweden	17	-	-	57	-	-
Carbon steel, hot rolled, for pipes over 60" in width ...	Japan	580	-	-	1,961	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	133	-	-
Carbon steel, cold rolled, for pipes and tubes	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width	United States ...	382	2	-	2,159	101	-
	United Kingdom ..	219	-	-	344	-	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	689	-	-	1,136	-	-
	France	11	-	-	46	-	-
	Germany	21	-	-	27	-	-
	Japan	30	-	-	48	-	-
Hot rolled 24" to 51" in width	United States ...	593	19	-	2,303	47	-
	Australia	-	-	-	24	-	-
	Belgium	14	-	-	115	-	-
	Germany	99	-	-	176	-	-
	Japan	-	-	-	177	-	-
Hot rolled over 51" in width	United States ...	1,021	2	-	5,016	51	-
	United Kingdom ..	-	-	-	35	-	-
	Japan	-	-	-	259	-	-
Cold rolled under 24" in width	United States ...	1,521	1	-	2,098	17	-
	United Kingdom ..	114	-	-	195	-	-
	Belgium	12	-	-	27	-	-
	Germany	40	-	-	63	-	-
	Japan	15	-	-	15	-	-
	Netherlands	-	-	-	2	-	-
	Sweden	104	-	-	107	1	-
Cold rolled 24" to 51" in width	United States ...	994	2	-	3,258	3	-
	United Kingdom ..	54	-	-	54	-	-
	Australia	-	-	-	31	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless - Concluded:</u>							
Cold rolled over 51" in width	United States ...	1,561	-	-	5,096	-	-
Finished for porcelain enamelling	United States ...	633	-	-	2,791	-	-
Tin plate primes	United States ...	3	-	-	184	-	-
	United Kingdom ..	40	-	-	40	-	-
Tin plate, electrolytic	United States ...	39	-	-	127	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate wasters, second or rejects	United States ...	39	-	-	294	-	-
Asbestos bonded galvanized ..	United States ...	-	-	-	78	-	-
	United Kingdom ..	8	-	-	43	-	-
Electro-galvanized	United States ...	245	-	-	850	-	-
	United Kingdom ..	6	-	-	6	-	-
Galvanized n.e.s.	United States ...	407	-	-	1,525	-	-
	United Kingdom ..	14	-	-	30	-	-
	Belgium	-	-	-	6	-	-
	Germany	-	-	-	8	-	-
	Japan	365	-	-	555	-	-
Coated with lead or an alloy of lead and tin (terne-plate)	United States ...	1,265	-	-	4,007	-	-
	United Kingdom ..	32	-	-	90	-	-
Aluminized	United States ...	500	-	-	2,198	-	-
Metal coated n.e.s.	United States ...	35	-	-	284	-	-
	United Kingdom ..	9	-	-	17	-	-
	Germany	11	-	-	40	-	-
Coated n.e.s.	United States ...	862	-	-	4,127	-	-
	United Kingdom ..	44	-	-	184	-	-
	Germany	3	-	-	22	-	-
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	33.9	-	-	41.0
	United Kingdom ..	-	-	.8	-	-	1.1
18" and under in width lighter than 18 gauge ...	United States ...	-	-	4.5	-	-	5.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Hot rolled stainless - Concluded:							
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	19.8	-	-	45.2
	United Kingdom ..	-	-	102.7	-	-	511.6
	Belgium	-	-	-	-	-	1.1
	Japan	-	-	3.2	-	-	3.2
	Sweden	-	-	80.9	-	-	280.8
Over 18" to 60" in width lighter than 18 gauge ...	United States ...	-	-	2.4	-	-	3.9
	United Kingdom ..	-	-	19.3	-	-	100.4
Over 60" in width	United States ...	-	-	.5	-	-	3.0
	Sweden	-	-	7.4	-	-	17.3
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	62.0	-	-	228.4
	United Kingdom ..	-	-	.1	-	-	7.9
18" and under in width lighter than 18 gauge ...	United States ...	-	-	164.8	-	-	561.1
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.6
	Japan	-	-	2.5	-	-	2.6
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	261.5	-	-	958.5
	United Kingdom ..	-	-	11.7	-	-	166.1
	Japan	-	-	62.1	-	-	150.4
Over 18" to 51" in width lighter than 18 gauge ...	United States ...	-	-	191.3	-	-	901.4
	United Kingdom ..	-	-	165.5	-	-	369.5
	France	-	-	-	-	-	18.0
	Japan	-	-	45.9	-	-	139.7
Over 51" in width	United States ...	-	-	3.3	-	-	35.4
	Japan	-	-	-	-	-	59.6
Electrical, silicon 2.90 or more	United States ...	-	1,834	-	-	8,425	-
	United Kingdom ..	-	6	-	-	6	-
Electrical n.e.s.	United States ...	-	124	-	-	510	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	4,121	-	-	13,383	-	-
	United Kingdom ..	61	-	-	1,604	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended		
		Carbon	Alloy	Stain- less	May 1962		
					Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded:</u>							
Bearing piling	United States ...	51	-	-	2,611	-	-
	United Kingdom ..	-	-	-	33	-	-
	France	-	-	-	53	-	-
Wide flange beams n.e.s.	United States ...	4,602	-	-	24,209	-	-
	United Kingdom ..	390	-	-	1,734	-	-
	Belgium	312	-	-	784	-	-
	Germany	501	-	-	754	-	-
Structural shapes large size n.e.s.	United States ...	1,300	-	-	6,771	-	-
	United Kingdom ..	729	-	-	1,568	-	-
	Belgium	705	-	-	1,898	-	-
	France	272	-	-	293	-	-
Structural shapes interme- diate sizes n.e.s.	United States ...	313	-	-	1,577	-	-
	United Kingdom ..	116	-	-	317	-	-
	Belgium	1,877	-	-	3,137	-	-
	France	9	-	-	110	-	-
	Germany	154	-	-	264	-	-
	Italy	-	-	-	6	-	-
	Japan	50	-	-	139	-	-
Structural shapes bar size n.e.s.	United States ...	415	23	-	1,363	108	-
	United Kingdom ..	182	-	-	334	8	-
	Belgium	2,677	-	-	4,311	-	-
	France	5	-	-	487	-	-
	Germany	1,301	-	-	1,606	-	-
	Japan	84	-	-	252	-	-
	Sweden	-	6	-	-	16	-
Sheet piling	United States ...	224	-	-	2,813	-	-
	United Kingdom ..	-	-	-	216	-	-
	Belgium	-	-	-	38	-	-
	Germany	-	-	-	46	-	-
	Japan	-	-	-	109	-	-
Sash, casement or frame sec- tions, not punched, drilled nor further manufactured, for metal window frames ...	United States ...	188	-	-	585	-	-
	United Kingdom ..	1	-	-	132	-	-
	Belgium	76	-	-	91	-	-
<u>Rails, railway track material, steel, wheels and tires:</u>							
Axles, axle bars, axle blanks and parts, for railway vehicles	United States ...	2	-	-	14	-	-
	United Kingdom ..	1	-	-	1	-	-
	Austria	5	-	-	5	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Rails, railway track material,</u>							
<u>steel wheels and tires -</u>							
<u>Concluded:</u>							
Tires of steel in the rough							
for railway vehicles	United States ...	3	-	-	41	-	-
	United Kingdom ..	2	-	-	2	-	-
Steel wheels for use on							
railway rolling stock	United States ...	81	-	-	165	-	-
	United Kingdom ..	41	-	-	272	-	-
Rails 60 lb. and under per							
lineal yard	United States ...	13	-	-	15	-	-
	Germany	55	-	-	391	-	-
Rails over 60 lb. up to and							
including 100 lb. per							
lineal yard	United States ...	78	-	-	239	-	-
	United Kingdom ..	-	-	-	90	-	-
Rails over 100 lb. per lineal							
yard	United States ...	91	-	-	660	-	-
Fish plates, splice bars,							
rail joints and tie plates,							
iron and steel	United States ...	346	-	-	575	-	-
	United Kingdom ..	6	-	-	8	-	-
	Germany	143	-	-	156	-	-
Railway track material n.e.s.							
	United States ...	24	-	-	142	-	-
<u>Pipes and tubes:</u>							
Cast iron							
	United States ...	11	-	-	331	-	-
	United Kingdom ..	1,421	-	-	2,973	-	-
	Australia	-	-	-	90	-	-
	France	82	-	-	82	-	-
Drill pipe							
	United States ...	58	-	-	784	-	-
Oil country tubing 3 1/2"							
O.D. and under	United States ...	226	-	-	1,524	-	.1
	United Kingdom ..	74	-	-	1,091	-	-
	Austria	-	-	-	70	-	-
	France	-	-	-	178	-	-
	Italy	-	-	-	72	-	-
	Japan	-	-	-	1,732	-	-
Casing J-55 and H-40							
	United States ...	13	-	-	1,244	-	-
	United Kingdom ..	223	-	-	2,344	-	-
	France	-	-	-	32	-	-
	Germany	208	-	-	1,216	-	-
	Japan	1,406	-	-	4,902	-	-
Casing, all other							
	United States ...	2	-	-	271	-	-
	United Kingdom ..	-	-	-	59	-	-
	Japan	-	-	-	1,730	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
Pipes and tubes - Continued:							
Seamless hot-finished - Concluded:							
Up to and including 6 5/8"							
O.D.	United States ...	31	9	1.0	456	35	28.0
	United Kingdom ..	11	-	-	71	-	-
	Japan	-	-	-	27	-	-
	Sweden	-	-	.7	-	-	.7
Over 6-5/8" up to and including 10 1/2" O.D. ..							
	United States ...	26	-	-	58	61	.9
	United Kingdom ..	2	-	-	21	-	-
Over 10 1/2" up to and including 16" O.D.							
	United States ...	193	2	-	851	9	2.7
	United Kingdom ..	-	-	-	9	-	-
	Germany	7	-	-	12	-	-
Over 16" O.D.							
	United States ...	236	-	-	872	-	-
Mechanical tubing							
	United States ...	1,886	42	11.5	8,658	697	27.3
	United Kingdom ..	40	48	.2	159	311	3.4
	Denmark	-	-	-	5	-	-
	Germany	-	10	-	94	73	-
	Netherlands	-	-	-	3	-	-
	Sweden	157	-	-	327	1	-
For pressure parts of boilers:							
Seamless hot finished							
	United States ...	112	121	-	778	724	1.0
	United Kingdom ..	305	91	-	685	339	-
	Germany	-	-	-	39	-	-
Seamless cold drawn							
	United States ...	49	1	-	75	9	.6
	United Kingdom ..	3	39	-	23	43	-
Welded							
	United States ...	1	-	-	104	-	8.1
	United Kingdom ..	205	-	-	376	-	-
	France	-	-	-	8	-	-
	Germany	-	-	-	9	-	-
	Switzerland	133	-	-	336	-	-
Seamless cold drawn n.e.s.							
	United States ...	122	-	47.0	656	16	120.1
	United Kingdom ..	4	3	23.7	103	11	86.8
	France	-	-	-	6	-	-
	Germany	3	-	.1	73	-	.1
	Japan	-	-	-	33	-	3.8
	Sweden	22	-	11.0	48	-	22.0

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	201	-	25.5	993	-	89.9
	United Kingdom ..	459	-	.6	1,731	-	2.6
	Belgium	43	-	-	48	-	-
	France	292	-	-	3,107	-	-
	Germany	782	-	-	1,059	-	-
	Israel	9	-	-	9	-	-
	Japan	125	-	.5	600	-	.5
	Norway	-	-	-	98	-	-
	Sweden	3	-	-	8	-	1.4
Over 4 1/2" up to and including 16" O.D. n.e.s.	United States ...	73	-	4.2	310	-	21.9
	Germany	30	-	-	30	-	-
	Sweden	6	-	-	6	-	-
Over 16" O.D. n.e.s.	United States ...	35	-	-	150	-	-
	United Kingdom ..	-	-	-	5	-	-
Spiral welded	United States ...	119	-	-	549	-	-
	Germany	51	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	54	73	35.3	234	303	121.9
	United Kingdom ..	68	2	-	370	44	-
	Austria	-	1	-	-	1	.1
	Germany	-	-	-	-	1	-
	Japan	-	-	-	-	-	1.5
	Sweden	5	-	1.0	58	-	5.7
Welding wire in coil form (excluding wire for the manufacture of welding rods).	United States ...	30	55	2.4	162	209	23.7
	United Kingdom ..	-	-	-	1	-	-
Wire n.e.s.	United States ...	216	7	5.4	650	34	36.8
	United Kingdom ..	204	1	2.7	420	1	12.3
	Austria	229	-	-	421	-	-
	Belgium	269	-	-	900	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	251	-	-	568	-	-
	Germany	10	-	-	58	-	.5
	Japan	34	-	3.4	618	-	3.8
	Netherlands	186	-	-	392	-	-
	Norway	-	-	-	1	-	-
	Sweden	-	-	.6	39	-	2.8

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	May 1962			Five months ended May 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire Products -</u>							
<u>Concluded:</u>							
Galvanized fencing wire	United Kingdom ..	255	-	-	568	-	-
	Belgium	39	-	-	263	-	-
	France	-	-	-	27	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States ...	69	-	-	183	-	-
	United Kingdom ..	49	-	-	383	-	-
	Austria	43	-	-	73	-	-
	Belgium	253	-	-	577	-	-
	France	94	-	-	172	-	-
	Germany	89	-	-	119	-	-
	Italy	1	-	-	7	-	-
	Japan	95	-	-	382	-	-
	Netherlands	27	-	-	32	-	-
Coated or covered with any material n.e.s.	United States ...	40	-	12.2	189	-	34.6
	United Kingdom ..	7	-	-	113	-	-
	Belgium	10	-	-	13	-	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	2	-	-
	Netherlands	-	-	-	2	-	-
Wire rope	United States ...	58	-	.5	1,027	-	3.7
	United Kingdom ..	512	-	-	1,250	-	-
	Belgium	82	-	-	200	-	-
	Denmark	17	-	-	29	-	-
	France	-	-	-	413	-	-
	Germany	113	-	-	231	-	-
	Japan	273	-	-	1,106	-	-
	Netherlands	247	-	-	474	-	-
	Norway	14	-	-	29	-	-
	Sweden	-	-	-	2	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	-	-	-	66	-	-
	Japan	194	-	-	500	-	-
Wire, steel, valued at not less than 2 3/4 cents per pound for wire rope	United States ...	3	-	-	97	-	-
	United Kingdom ..	1,334	-	-	5,815	-	-
	France	-	-	-	10	-	-
	Germany	641	-	-	1,477	-	-
	Japan	96	-	-	953	-	-
Totals		77,042	3,766	2,044.1	264,280	19,758	7,205.9

70c CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

SEPTEMBER 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

November 1962
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 9

TABLE 1. Description of Iron Blast Furnaces(1) at end of September 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	13	4,253,100	84.1
Banked	-	-	-
Blown out	4	801,800	15.9
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	September 1962	Nine months ended September 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	111,562	700,483
From foreign mines	129,460	1,476,350
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	144,262	1,113,090
From foreign mines	212,443	1,791,866
From own processing	153,721	1,340,816
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,957	149,032
Scrap iron and steel	6,424	64,360
Limestone	59,513	565,351
Dolomite	35,353	362,878
Coke	293,681	2,463,741

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	365,854	10,666	388,915	5,797
Foundry (including silvery pig) (2)	28,222	25,613	4,938	17,860
Malleable	47,092	39,012	51,495	49,754
Total pig iron	441,168	75,291	445,348	73,411
Ferro-alloys	10,752	13,157	11,572	11,084
Stocks of pig iron on hand at end of month	302,929		381,348	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Nine Months Ended September

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	3,133,109	113,734	3,415,591	32,317
Foundry (including silvery pig) (2)	257,822	203,992	243,745	227,015
Malleable	222,664	246,728	414,358	308,900
Total pig iron	3,613,595	564,454	4,073,694	568,232
Ferro-alloys	82,093	89,103	99,276	94,381

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	September		Nine months ended September	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	345,372	388,552	3,033,904	3,427,867
Scrap - Own make	153,057	169,678	1,352,942	1,499,180
Purchased	134,961	136,620	1,024,456	1,144,339
Total pig iron and scrap	633,390	694,850	5,411,302	6,071,386

TABLE 7. Production and Shipments of Steel Ingots and Castings, September

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	492,975	29,607	553,132	15,299
Electric	59,589	28,354	55,054	7,670
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	552,564	57,961	608,186	22,969
Alloy steel ingots included in above	23,734	920	22,630	844
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	166	166	300	300
Electric	9,553	8,191	10,240	10,148
Other	23	34	-	-
Total steel castings	9,742	8,391	10,540	10,448
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	249	224	285	252
High alloy, manganese and abrasion resistant ...	1,601	1,491	1,934	1,984
All other alloys	454	413	509	587
Total alloy castings	2,304	2,128	2,728	2,823

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Nine Months Ended September

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	4,309,161	116	4,817,836	147,810
Electric	471,716	86,368	479,609	67,446
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	4,780,877	164,484	5,297,445	215,256
Alloy steel ingots included in above	179,945	4,270	228,749	7,463
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,073	2,073	2,975	2,975
Electric	77,856	77,926	92,836	89,836
Other	272	274	-	-
Total steel castings	80,201	80,273	95,811	92,811
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	1,840	1,640	2,438	2,054
High alloy, manganese and abrasion resistant ...	11,925	11,739	15,561	15,559
All other alloys	3,760	3,530	3,741	3,740
Total alloy castings	17,525	16,909	21,740	21,353

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	September 1962		Nine months ended September 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	3	-	62
All other	2	237	885	2,918
Automotive industries	188	26	1,895	184
Agricultural, including implement and equipment manufacturers	158	13	1,002	233
Machinery and tools	1,488	610	12,735	3,531
Mining, lumbering and quarrying industries	816	910	6,471	7,724
Oil and gas, including refineries	93	36	906	300
National defence	36	13	171	91
Public works and public utilities	11	51	189	224
Railway operating	2,040	257	34,168	1,534
Railway cars and locomotives	2,625	139	11,101	793
Shipbuilding	82	19	658	80
Miscellaneous and unclassified	158	509	1,349	3,679
Total shipments	7,697	2,823	71,530	21,353

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, September

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	17,667	16,321	16,265	15,322
Over 4 1/2" outside diameter (including all sizes of casing)	35,178	38,706	27,313	31,423
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,208	5,985	7,091	6,312
Totals	60,053	61,012	50,669	53,057
<u>Steel pipe fittings:</u>				
Buttwelding fittings	84	112	168	177
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	503	605	587	589
Totals	587	717	755	766

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Nine Months Ended September

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	137,966	136,566	161,255	150,178
Over 4 1/2 " outside diameter (including all sizes of casing)	335,594	341,848	152,878	148,531
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	55,884	53,446	57,612	57,334
Totals	529,444	531,860	371,745	356,043
<u>Steel pipe fittings:</u>				
Buttwelding fittings	600	768	980	1,101
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	3,748	4,414	4,267	4,767
Totals	4,348	5,182	5,247	5,868

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, September 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	28,293	18,451	6,348	12,103
For forging and piercing	12,434	12,091	-	12,091
Rails	12,459	11,089	-	11,089
Wire rods	26,624	20,946	-	20,946
Structural shapes:				
Heavy, including piling	39,697	35,836	-	35,836
Light	4,946	7,200	-	7,200
Concrete reinforcing bars	34,589	35,734	-	35,734
Other hot rolled bars	35,769	35,653	3,457	32,196
Tie plates and track material:				
Angle bars	1,085	719	-	719
Tie plates	3,041	4,938	-	4,938
Track spikes	509	385	-	385
Plates (including plates for pipes and tubes)	58,125	60,672	-	60,672
Hot rolled sheets and strip	209,353	205,274	144,157	61,117
Total hot rolled products ..	466,924	448,988	153,962	295,026
<u>Cold rolled and coated:</u>				
Cold finished bars	3,393	3,371	-	3,371
Cold reduced strip	4,989	4,613	-	4,613
Cold reduced sheets, tin mill black plate and tin plate	151,811	146,497	70,114	76,383
Galvanized sheets	30,663	29,121	-	29,121
Total cold rolled and coated .	190,856	183,602	70,114	113,488
Total carbon steel	657,780	632,590	224,076	408,514
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	156	156	156	-
For forging and piercing	2,122	2,194	-	2,194
Alloy plates	73	159	-	159
Other hot rolled bars, including high-speed steel and other alloy tool steel	8,639	7,380	54	7,326
Structurals	-	-	-	-
Cold finished bars	602	537	-	537
Wire rods	74	95	-	95
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,512	2,537	-	2,537
Total alloy steel	14,178	13,058	210	12,848

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Nine Months Ended September 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	117,391	118,314	80,494	37,820
For forging and piercing	143,982	142,895	-	142,895
Rails	180,280	184,553	-	184,553
Wire rods	263,660	259,221	-	259,221
Structural shapes:				
Heavy, including piling	294,673	273,397	-	273,397
Light	56,805	59,908	-	59,908
Concrete reinforcing bars	305,254	299,556	-	299,556
Other hot rolled bars	291,121	295,414	27,569	267,845
Tie plates and track material:				
Angle bars	13,280	12,626	-	12,626
Tie plates	49,543	54,075	-	54,075
Track spikes	6,433	7,088	-	7,088
Plates (including plates for pipes and tubes)	458,672	464,826	-	464,826
Hot rolled sheets and strip	1,937,793	1,893,924	1,322,336	571,588
Total hot rolled products ..	4,118,887	4,065,797	1,430,399	2,635,398
<u>Cold rolled and coated:</u>				
Cold finished bars	29,007	29,659	-	29,659
Cold reduced strip	42,169	38,697	-	38,697
Cold reduced sheets, tin mill black plate and tin plate	1,370,278	1,384,225	645,198	739,027
Galvanized sheets	287,246	284,628	-	284,628
Total cold rolled and coated .	1,728,700	1,737,209	645,198	1,092,011
Total carbon steel	5,847,587	5,803,006	2,075,597	3,727,409
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	666	666	666	-
For forging and piercing	13,028	13,751	-	13,751
Alloy plates	967	1,187	-	1,187
Other hot rolled bars, including high-speed steel and other alloy tool steel	77,019	71,549	750	70,799
Structurals	-	-	-	-
Cold finished bars	4,268	4,608	-	4,608
Wire rods	1,530	1,585	-	1,585
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	21,168	21,405	-	21,405
Total alloy steel	118,646	114,751	1,416	113,335

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		September 1962		Nine months ended September 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	55,657	672	527,139	5,772
5	Direct export:				
	(a) British Commonwealth	12,002	351	68,531	3,437
	(b) All other	38,630	1,878	295,748	14,057
6	Automotive industries	18,948	3,968	175,078	39,865
7	Agricultural, including implement and equipment manufacturers	14,457	431	82,989	2,136
8	Building construction	88,423	193	754,485	1,669
9	Container industry	33,535	100	319,679	713
10	Machinery and tools	17,414	2,357	177,061	21,263
11	Merchant trade products	25,480	597	294,404	8,074
12	Mining, lumbering, etc.	5,081	1,254	47,267	10,903
13	National defence	145	28	1,816	199
14	Pressing, forming and stamping	20,151	624	203,365	3,408
15	Public works and utilities	2,554	-	30,755	-
16	Railway operating	6,389	18	192,104	154
17	Railway cars and locomotives	6,994	123	54,136	456
18	Shipbuilding	2,445	5	66,713	185
19	Pipes and tubes	58,985	249	425,826	1,044
20	Miscellaneous and unclassified	1,224	-	10,313	-
	Net shipments	408,514	12,848	3,727,409	113,335

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	100	820	7,069	2,546	10,018	7,611
5.	Direct export:							
	(a) British Commonwealth	11,439	-	40	-	-	429	92
	(b) All other	1,436	6,692	219	1,130	42	373	1,806
6	Automotive industries .	967	-	35	90	22	-	6,064
7	Agricultural, etc.	-	-	8	875	1,207	-	6,005
8	Building construction .	8	94	1,229	23,579	2,179	21,956	2,721
9	Container industry	-	-	3	-	-	-	56
10	Machinery and tools ...	475	55	278	913	235	369	4,807
11	Merchant trade	163	-	18,238	71	47	-	3,912
12	Mining, lumbering, etc.	112	502	158	736	19	65	3,969
13	National defence	-	-	-	-	-	50	9
14	Pressing, forming and stamping	327	-	6	49	754	-	892
15	Public works and utilities	-	-	2	89	18	2,274	70
16	Railway operating	-	3,628	1	174	41	-	402
17	Railway cars and locomotives	1,537	-	1	779	16	-	871
18	Shipbuilding	-	18	-	282	74	-	99
19	Pipes and tubes	9,924	-	-	-	-	-	71
20	Miscellaneous and unclassified	-	-	3	-	-	200	65
	Net shipments	26,388	11,089	21,041	35,836	7,200	35,734	39,522

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
58	7,600	6,423	926	76	7,559	5,523	56,329	4
								5
-	-	259	-	-	94	-	12,353	(a)
4,431	1,529	8,540	-	-	11,041	3,269	40,508	(b)
-	196	8,013	1,008	1,070	4,744	707	22,916	6
-	1,319	3,722	669	26	840	217	14,888	7
5	12,007	4,354	16	165	3,828	16,475	88,616	8
-	-	288	1	-	33,125	162	33,635	9
3	5,156	4,070	487	331	2,208	384	19,771	10
2	-	2,838	441	17	266	82	26,077	11
17	302	289	120	-	15	31	6,335	12
-	82	12	8	3	9	-	173	13
-	357	5,849	179	1,924	8,379	2,059	20,775	14
-	3	-	-	19	79	-	2,554	15
1,526	287	279	1	-	10	58	6,407	16
-	3,179	628	47	-	59	-	7,117	17
-	1,827	134	1	-	-	15	2,450	18
-	26,987	17,956	1	75	4,081	139	59,234	19
-	-	-	3	907	46	-	1,224	20
6,042	60,831	63,654	3,908	4,613	76,383	29,121	421,362	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months Ended September 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	989	1,046	5,761	69,104	20,150	80,032	68,101
5	Direct export:							
	(a) British Commonwealth	37,156	-	271	-	-	7,669	2,168
	(b) All other	4,885	52,943	1,107	1,921	208	4,517	12,836
6	Automotive industries .	14,599	-	419	865	419	-	56,639
7	Agricultural, etc.	7	-	129	5,142	5,554	2	32,233
8	Building construction .	281	1,268	12,407	157,095	20,869	181,049	21,908
9	Container industry	79	-	106	-	-	2	401
10	Machinery and tools ...	11,142	423	3,633	8,107	2,896	2,131	37,184
11	Merchant trade	2,547	-	235,889	696	723	14	48,919
12	Mining, lumbering, etc.	1,714	4,871	802	4,048	622	498	34,532
13	National defence	-	3	-	-	-	1,046	154
14	Pressing, forming and stamping	658	-	92	1,250	5,967	19	6,687
15	Public works and utilities	8	38	56	4,212	79	21,913	517
16	Railway operating	36	123,828	123	2,134	448	42	5,453
17	Railway cars and locomotives	9,502	103	6	10,704	755	-	7,488
18	Shipbuilding	25	30	1	8,098	1,119	-	2,236
19	Pipes and tubes	110,838	-	-	20	-	-	375
20	Miscellaneous and unclassified	-	-	4	1	99	622	813
	Net shipments	194,466	184,553	260,806	273,397	59,908	299,556	338,644

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months Ended September 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
1,771	74,676	71,534	9,056	1,367	77,633	51,691	532,911	4
								5
-	-	21,086	46	-	1,030	2,542	71,968	(a)
19,426	16,387	72,202	37	-	84,924	38,412	309,805	(b)
-	1,976	68,277	8,694	8,316	48,985	5,754	214,943	6
-	6,044	21,552	4,773	110	7,803	1,776	85,125	7
563	118,828	43,765	269	1,907	44,170	151,775	756,154	8
-	5	2,568	11	338	315,548	1,334	320,392	9
39	62,734	39,069	4,553	2,707	20,259	3,447	198,324	10
22	93	3,822	3,728	155	5,398	472	302,478	11
685	5,570	2,184	543	-	1,861	240	58,170	12
-	184	48	116	436	28	-	2,015	13
1	5,119	55,719	2,207	14,636	92,168	22,250	206,773	14
7	2,873	41	2	272	737	-	30,755	15
51,194	5,434	2,130	27	-	110	1,299	192,258	16
61	15,006	8,786	73	-	659	1,449	54,592	17
2	53,343	1,690	20	-	103	231	66,898	18
-	97,693	178,159	5	1,374	36,699	1,707	426,870	19
18	48	361	107	7,079	912	249	10,313	20
73,789	466,013	592,993	34,267	38,697	739,027	284,628	3,840,744	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	August 1962	Eight months ended August 1962
	net tons of 2,000 pounds	
Pig iron	99,247	301,756
Sponge iron	354	2,918
Steel ingots	31,460	123,585
Blooms, billets, slab steel	309	3,414
Iron castings, n.e.s.	275	4,740
Steel castings	274	3,120
Forgings, n.e.s.	1,019	11,270
Bars steel, hot rolled	2,044	18,757
Wire rods steel, hot rolled	72	1,657
Bars steel, cold rolled	121	1,146
Plate steel	3,414	18,597
Sheet and strip, carbon steel, hot rolled	15,640	79,177
Sheet and strip, carbon steel, cold rolled	1,168	16,290
Sheet, strip, galvanized	3,046	38,208
Sheet and strip, n.e.s.	9,177	69,551
Structural shapes	577	6,223
Rails	400	42,479
Cast iron pipe	9	121
Pipes and tubes, iron and steel, n.e.s.	3,104	35,868
Totals	171,710	778,877

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	June 1962			Six months ended June 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	19,120	3,181	1,132.8	148,434	21,590	5,715.0
United Kingdom	18,418	252	256.0	52,653	1,272	1,912.6
Australia	2,855	-	-	4,986	-	-
Austria	90	6	-	668	99	.1
Belgium	22,247	-	-	59,626	-	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	5	-	-	39	-	-
France	8,318	-	-	20,714	-	28.3
Germany	11,110	-	.2	30,414	74	2.4
Israel	35	-	-	44	-	-
Italy	123	-	-	208	-	-
Japan	5,716	-	86.3	32,259	-	472.7
Netherlands	231	-	-	1,204	-	-
Norway	200	-	-	328	-	-
Sweden	245	61	67.4	1,016	223	616.4
Switzerland	132	-	-	468	-	-
Totals	88,845	3,500	1,542.7	353,125	23,258	8,748.6

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pig Iron:</u>							
Other	United States ...	-	-	-	17	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	-	-	.9	253	197	89.0
Billets, blooms, slabs and sheet bar	United States ...	71	34	57.4	1,208	194	479.8
	United Kingdom ..	116	-	-	622	2	-
	Germany	-	-	-	156	-	-
	Japan	-	-	1.5	-	-	1.5
Tool steel ingots	United States ...	-	38	-	47	277	-
Tool steel billets	United States ...	-	1	-	3	28	-
	United Kingdom ..	2	10	-	4	34	-
	Austria	-	-	-	-	16	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ..	United States ...	11	-	-	45	-	-
	Australia	-	-	-	448	-	-
	Belgium	10,004	-	-	23,808	-	-
	France	1,547	-	-	4,233	-	-
	Germany	4,167	-	-	9,718	-	-
	Japan	842	-	-	5,958	-	-
Hot rolled bars n.e.s.	United States ...	252	268	6.5	4,447	2,019	49.0
	United Kingdom ..	604	36	27.2	1,436	117	142.3
	Australia	-	-	-	124	-	-
	Austria	-	-	-	-	29	-
	Belgium	1,293	-	-	6,175	-	-
	France	118	-	-	339	-	-
	Germany	543	-	-	1,389	-	-
	Japan	-	-	1.0	520	-	1.0
	Sweden	-	37	3.6	-	40	12.2
Hot rolled bars for agri- cultural implements	United States ...	9	-	-	615	27	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	55	2	-	270	16	10.8
	United Kingdom ..	58	7	-	184	34	10.3
	Austria	-	1	-	-	1	-
Wire rods, steel, hot rolled	United States ...	1	-	-	60	-	-
	United Kingdom ..	1,793	-	-	2,843	-	-
	Australia	-	-	-	537	-	-
	Belgium	2,466	-	-	6,971	-	-
	France	3,706	-	-	7,597	-	-
	Germany	106	-	-	1,019	-	-
	Japan	58	-	-	1,216	-	-
	Netherlands	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	11	23	6.5	287	153	55.1
	United Kingdom ..	347	-	.2	1,214	1	11.8
	Belgium	41	-	-	266	-	-
	Japan	83	-	-	141	-	-
Cold rolled bars for agri- cultural implements	United States ...	19	-	-	235	-	-
Bars and rods, tool steel ..	United States ...	136	18	-	1,049	183	-
	United Kingdom ..	2	11	-	28	132	-
	Austria	1	5	-	10	50	-
	Sweden	10	18	-	58	147	-
<u>Plates:</u>							
60" and under in width	United States ...	269	349	27.3	1,563	3,014	305.4
	United Kingdom ..	278	21	36.0	1,572	22	293.9
	Australia	-	-	-	569	-	-
	Belgium	252	-	-	662	-	-
	Germany	1,172	-	-	3,154	-	-
	Japan	1,249	-	4.1	2,285	-	25.4
	Sweden	-	2	.9	12	13	107.5
Over 60" up to and including 100" in width	United States ...	301	652	139.9	2,833	2,266	473.5
	United Kingdom ..	175	-	-	669	-	-
	Australia	-	-	-	143	-	-
	Belgium	137	-	-	146	-	-
	Germany	598	-	-	2,406	-	-
	Japan	996	-	-	2,611	-	-
	Sweden	-	-	5.5	-	1	108.6
Over 100" in width	United States ...	589	-	112.6	1,654	61	166.2
	United Kingdom ..	554	-	-	567	-	-
	Japan	50	-	-	102	-	-
Floor plates	United States ...	353	-	-	1,580	-	-
	United Kingdom ..	569	-	-	1,107	-	-
	Germany	-	-	-	22	-	-
	Japan	53	-	-	941	-	-
Flanged, dished, drilled or not	United States ...	184	-	-	1,787	-	-
<u>Plate, sheet or strip, for saws and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground, for saws	United States ...	112	-	-	767	-	-
	United Kingdom ..	3	-	-	47	-	-
	France	-	-	-	6	-	-
	Germany	1	-	-	5	-	-
	Sweden	4	-	-	63	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip, for saws</u> <u>and for pipes and tubes -</u> <u>Concluded:</u>							
Plate, sheet or strip, hardened, tempered or ground, for saws							
	United States ...	24	-	-	87	-	-
	United Kingdom ..	1	-	-	12	-	-
	Sweden	9	-	-	66	-	-
Carbon steel, hot rolled, for pipes, over 60" in width ...							
	Japan	361	-	-	2,322	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width							
	United Kingdom ..	-	-	-	576	-	-
	Australia	2,855	-	-	2,988	-	-
Carbon steel, cold rolled, for pipes and tubes							
	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width							
	United States ...	335	3	-	2,494	104	-
	United Kingdom ..	7	7	-	351	7	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	820	-	-	1,956	-	-
	France	86	-	-	132	-	-
	Germany	113	-	-	140	-	-
	Japan	6	-	-	54	-	-
Hot rolled 24" to 51" in width							
	United States ...	626	6	-	2,929	53	-
	United Kingdom ..	14	-	-	14	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	Germany	61	-	-	237	-	-
	Japan	39	-	-	216	-	-
Hot rolled over 51" in width							
	United States ...	809	8	-	5,825	59	-
	United Kingdom ..	77	-	-	112	-	-
	Japan	41	-	-	300	-	-
Cold rolled under 24" in width							
	United States ...	319	15	-	2,417	32	-
	United Kingdom ..	23	-	-	218	-	-
	Belgium	9	-	-	36	-	-
	Germany	1	-	-	64	-	-
	Japan	-	-	-	15	-	-
	Netherlands	2	-	-	4	-	-
	Sweden	28	-	-	135	1	-
Cold rolled 24" to 51" in width							
	United States ...	332	2	-	3,590	5	-
	United Kingdom ..	66	-	-	120	-	-
	Australia	-	-	-	31	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless - Concluded:</u>							
Cold rolled over 51" in width	United States ...	197	-	-	5,293	-	-
Finished for porcelain enamelling	United States ...	42	-	-	2,833	-	-
Tin plate primes	United States ...	34	-	-	218	-	-
	United Kingdom ..	18	-	-	58	-	-
Tin plate, electrolytic	United States ...	28	-	-	155	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate, wasters, seconds or rejects	United States ...	43	-	-	337	-	-
Asbestos bonded,galvanized ..	United States ...	5	-	-	83	-	-
	United Kingdom ..	2	-	-	45	-	-
Electro-galvanized	United States ...	182	-	-	1,032	-	-
	United Kingdom ..	-	-	-	6	-	-
Galvanized n.e.s.	United States ...	363	-	-	1,888	-	-
	United Kingdom ..	-	-	-	30	-	-
	Belgium	2	-	-	8	-	-
	Germany	-	-	-	8	-	-
	Japan	11	-	-	566	-	-
Coated with lead or an alloy of lead and tin (terne- plate)	United States ...	476	-	-	4,483	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	422	-	-	2,620	-	-
Metal coated n.e.s.	United States ...	49	-	-	333	-	-
	United Kingdom ..	-	-	-	17	-	-
	Germany	16	-	-	56	-	-
Coated n.e.s.	United States ...	435	-	-	4,562	-	-
	United Kingdom ..	32	-	-	216	-	-
	Germany	-	-	-	22	-	-

Sheets and strip, stainless and silicon:

Hot rolled stainless:

18" and under in width 18 gauge and heavier	United States ...	-	-	12.3	-	-	53.3
	United Kingdom ..	-	-	-	-	-	1.1
18" and under in width lighter than 18 gauge ...	United States ...	-	-	-	-	-	5.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended		
		Carbon	Alloy	Stain- less	June 1962		
					Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Hot rolled stainless -							
Concluded:							
Over 18" to 60" in width 18							
gauge and heavier	United States ...	-	-	3.1	-	-	48.3
	United Kingdom ..	-	-	51.2	-	-	562.8
	Belgium	-	-	-	-	-	1.1
	Japan	-	-	-	-	-	3.2
	Sweden	-	-	41.3	-	-	322.1
Over 18" to 60" in width							
lighter than 18 gauge ...	United States ...	-	-	.4	-	-	4.3
	United Kingdom ..	-	-	11.3	-	-	111.7
Over 60" in width							
	United States ...	-	-	-	-	-	3.0
	Sweden	-	-	-	-	-	17.3
Cold rolled stainless:							
18" and under in width 18							
gauge and heavier	United States ...	-	-	45.8	-	-	274.2
	United Kingdom ..	-	-	-	-	-	7.9
18" and under in width							
lighter than 18 gauge ...	United States ...	-	-	61.7	-	-	622.8
	France	-	-	-	-	-	10.3
	Germany	-	-	.2	-	-	1.8
	Japan	-	-	-	-	-	2.6
Over 18" to 51" in width 18							
gauge and heavier	United States ...	-	-	363.6	-	-	1,322.1
	United Kingdom ..	-	-	26.6	-	-	192.7
	Japan	-	-	23.6	-	-	174.0
Over 18" to 51" in width							
lighter than 18 gauge ...	United States ...	-	-	176.8	-	-	1,078.2
	United Kingdom ..	-	-	69.8	-	-	439.3
	France	-	-	-	-	-	18.0
	Japan	-	-	25.8	-	-	165.5
Over 51" in width							
	United States ...	-	-	7.0	-	-	42.4
	Japan	-	-	28.9	-	-	88.5
Electrical, silicon 2.90 or							
more	United States ...	-	1,456	-	-	9,881	-
	United Kingdom ..	-	33	-	-	39	-
Electrical n.e.s.							
	United States ...	-	57	-	-	567	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in							
depth or web	United States ...	2,850	-	-	16,233	-	-
	United Kingdom ..	146	-	-	1,750	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
Pipes and tubes - Continued:							
Seamless hot-finished -							
Concluded:							
Up to and including 6 5/8"							
O.D.	United States ...	63	7	2.4	519	42	30.4
	United Kingdom ..	191	-	-	262	-	-
	Germany	668	-	-	668	-	-
	Israel	28	-	-	28	-	-
	Japan	19	-	-	46	-	-
	Sweden	-	2	-	-	2	.7
Over 6 5/8" O.D. up to and							
including 10 1/2" O.D. ..	United States ...	22	-	.2	80	61	1.1
	United Kingdom ..	38	-	-	59	-	-
Over 10 1/2" O.D. up to and							
including 16" O.D.	United States ...	147	3	-	998	12	2.7
	United Kingdom ..	18	-	-	27	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	1	-	-	1	-
Over 16" O.D.							
	United States ...	244	-	-	1,116	-	-
	Italy	102	-	-	102	-	-
Mechanical tubing							
	United States ...	1,073	83	7.1	9,731	780	34.4
	United Kingdom ..	74	40	16.4	233	351	19.8
	Denmark	-	-	-	5	-	-
	Germany	-	-	-	94	73	-
	Netherlands	-	-	-	3	-	-
	Sweden	101	-	-	428	1	-
For pressure parts of boilers:							
Seamless hot finished							
	United States ...	110	27	-	888	751	1.0
	United Kingdom ..	389	52	-	1,074	391	-
	Germany	708	-	-	747	-	-
Seamless cold drawn							
	United States ...	1	1	.1	76	10	.7
	United Kingdom ..	-	-	-	23	43	-
	Germany	7	-	-	7	-	-
Welded							
	United States ...	9	-	8.1	113	-	16.2
	United Kingdom ..	504	-	-	880	-	-
	France	-	-	-	8	-	-
	Germany	-	-	-	9	-	-
	Switzerland	132	-	-	468	-	-
Seamless cold drawn n.e.s.							
	United States ...	175	-	23.7	831	16	143.8
	United Kingdom ..	22	35	12.7	125	46	99.5
	France	-	-	-	6	-	-
	Germany	-	-	-	73	-	.1
	Japan	-	-	1.4	33	-	5.2
	Sweden	32	-	4.1	80	-	26.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Welded:							
4 1/2" O.D. and under							
n.e.s.	United States ...	122	-	42.5	1,115	-	132.4
	United Kingdom ..	1,318	-	.4	3,049	-	3.0
	Belgium	8	-	-	56	-	-
	France	1,506	-	-	4,613	-	-
	Germany	681	-	-	1,740	-	-
	Israel	7	-	-	16	-	-
	Japan	232	-	-	832	-	.5
	Norway	160	-	-	258	-	-
	Sweden	-	-	2.3	8	-	3.7
Over 4 1/2" O.D. up to and including 16" O.D. n.e.s.	United States ...	67	-	7.7	377	-	29.6
	Germany	105	-	-	135	-	-
	Japan	118	-	-	118	-	-
	Sweden	-	-	7.8	6	-	7.8
Over 16" O.D. n.e.s.	United States ...	83	-	.4	233	-	.4
	United Kingdom ..	-	-	-	5	-	-
Spiral welded	United States ...	62	-	-	611	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	59	69	9.2	293	372	131.1
	United Kingdom ..	56	-	-	426	44	-
	Austria	-	-	-	-	1	.1
	Belgium	1	-	-	1	-	-
	Germany	-	-	-	-	1	-
	Japan	-	-	-	-	-	1.5
	Sweden	37	-	1.9	95	-	7.6
Welding wire in coil form (excluding wire for the manufacture of welding rods).	United States ...	31	54	.4	193	263	24.1
	United Kingdom ..	-	-	-	1	-	-
Wire n.e.s.	United States ...	111	2	8.5	761	36	45.3
	United Kingdom ..	87	-	4.2	507	1	16.5
	Austria	78	-	-	499	-	-
	Belgium	745	-	-	1,645	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	180	-	-	748	-	-
	Germany	4	-	-	62	-	.5
	Japan	27	-	-	645	-	3.8
	Netherlands	165	-	-	557	-	-
	Norway	-	-	-	1	-	-
	Sweden	24	-	-	63	-	2.8

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	June 1962			Six months ended June 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Wire and wire Products -</u>							
<u>Concluded:</u>							
Galvanized fencing wire	United Kingdom ..	193	-	-	761	-	-
	Belgium	21	-	-	284	-	-
	France	-	-	-	27	-	-
	Germany	12	-	-	12	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States ...	23	-	-	206	-	-
	United Kingdom ..	73	-	-	456	-	-
	Austria	10	-	-	83	-	-
	Belgium	169	-	-	746	-	-
	France	56	-	-	228	-	-
	Germany	21	-	-	140	-	-
	Italy	-	-	-	7	-	-
	Japan	-	-	-	382	-	-
	Netherlands	50	-	-	82	-	-
Coated or covered with any material n.e.s.	United States ...	23	-	.2	212	-	34.8
	United Kingdom ..	16	-	-	129	-	-
	Belgium	1	-	-	14	-	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	2	-	-
	Netherlands	-	-	-	2	-	-
Wire rope	United States ...	30	-	.2	1,057	-	3.9
	United Kingdom ..	243	-	-	1,493	-	-
	Belgium	56	-	-	256	-	-
	Denmark	5	-	-	34	-	-
	France	8	-	-	421	-	-
	Germany	61	-	-	292	-	-
	Japan	164	-	-	1,270	-	-
	Netherlands	14	-	-	488	-	-
	Norway	40	-	-	69	-	-
	Sweden	-	-	-	2	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	40	-	-	106	-	-
	Japan	198	-	-	698	-	-
Wire, steel, valued at not less than 2 3/4 cents per pound for wire rope	United States ...	2	-	-	99	-	-
	United Kingdom ..	1,116	-	-	6,931	-	-
	Belgium	2	-	-	2	-	-
	France	-	-	-	10	-	-
	Germany	159	-	-	1,636	-	-
	Japan	82	-	-	1,035	-	-
Totals		88,845	3,500	1,542.7	353,125	23,258	8,748.6

CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

OCTOBER 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

January 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 10

TABLE 1. Description of Iron Blast Furnaces(1) at end of October 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	13	4,253,100	84.1
Banked	-	-	-
Blown out	4	801,800	15.9
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	October 1962	Ten months ended October 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	88,831	789,314
From foreign mines	126,101	1,602,451
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	136,160	1,249,250
From foreign mines	194,648	1,986,514
From own processing	166,225	1,507,041
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,073	164,105
Scrap iron and steel	7,836	72,196
Limestone	58,929	624,280
Dolomite	33,544	396,422
Coke	277,145	2,740,886

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, October

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	368,001	3,476	388,890	7,705
Foundry (including silvery pig)(2)	28,700	35,380	3,049	13,254
Malleable	62,037	61,708	36,489	44,766
Total pig iron	458,738	100,564	428,428	65,725
Ferro-alloys	13,315	12,846	13,952	12,323
Stocks of pig iron on hand at end of month	295,466		354,392	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Ten Months Ended October

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	3,501,110	117,210	3,804,481	40,022
Foundry (including silvery pig)(2)	286,522	239,372	246,794	240,269
Malleable	284,701	308,436	450,847	353,666
Total pig iron	4,072,333	665,018	4,502,122	633,957
Ferro-alloys	95,408	101,949	113,228	106,704

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	October		Ten months ended October	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	362,033	384,638	3,395,937	3,812,505
Scrap - Own make	158,309	157,923	1,511,251	1,657,103
Purchased	138,431	128,446	1,162,887	1,272,785
Total pig iron and scrap	658,773	671,007	6,070,075	6,742,393

TABLE 7. Production and Shipments of Steel Ingots and Castings October

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	513,255	14,666	531,487	7,920
Electric	64,743	28,326	58,495	8,161
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	577,998	42,992	589,982	16,081
Alloy steel ingots included in above	24,142	605	26,881	923
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	212	212	374	374
Electric	9,971	8,698	7,975	9,757
Other	40	23	-	-
Total steel castings	10,223	8,933	8,349	10,131
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	253	260	267	342
High alloy, manganese and abrasion resistant ...	1,622	1,486	1,940	1,773
All other alloys	287	203	523	545
Total alloy castings	2,162	1,949	2,730	2,660

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Ten Months Ended October

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	4,822,416	92,782	5,349,323	155,730
Electric	536,459	114,694	538,104	75,607
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	5,358,875	207,476	5,887,427	231,337
Alloy steel ingots included in above	204,087	4,875	255,630	8,386
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,285	2,285	3,349	3,349
Electric	87,827	86,624	100,811	99,593
Other	312	297	-	-
Total steel castings	90,424	89,206	104,160	102,942
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	2,093	1,900	2,705	2,396
High alloy, manganese and abrasion resistant ...	13,547	13,225	17,501	17,332
All other alloys	4,047	3,733	4,264	4,285
Total alloy castings	19,687	18,858	24,470	24,013

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	October 1962		Ten months ended October 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	4	-	66
All other	5	171	890	3,089
Automotive industries	237	42	2,132	226
Agricultural, including implement and equipment manufacturers	136	19	1,138	252
Machinery and tools	1,361	579	14,096	4,110
Mining, lumbering and quarrying industries	779	993	7,250	8,717
Oil and gas, including refineries	71	62	977	362
National defence	1	8	172	99
Public works and public utilities	36	28	225	252
Railway operating	3,933	282	38,101	1,816
Railway cars and locomotives	630	41	11,731	834
Shipbuilding	86	12	744	92
Miscellaneous and unclassified	196	419	1,545	4,098
Total shipments	7,471	2,660	79,001	24,013

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, October

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	18,867	16,462	16,469	18,928
Over 4 1/2" outside diameter (including all sizes of casing)	20,634	34,134	22,929	21,505
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,901	6,893	7,997	7,067
Totals	47,402	57,489	47,395	47,500
<u>Steel pipe fittings:</u>				
Buttwelding fittings	95	133	115	159
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	537	482	648	584
Totals	632	615	763	743

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Ten Months Ended October

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	156,833	153,028	177,724	169,106
Over 4 1/2 " outside diameter (including all sizes of casing)	356,228	375,982	175,807	170,036
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	63,785	60,339	65,609	64,401
Totals	576,846	589,349	419,140	403,543
<u>Steel pipe fittings:</u>				
Buttwelding fittings	695	901	1,095	1,260
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	4,285	4,896	4,915	5,351
Totals	4,980	5,797	6,010	6,611

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, October 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	43,766	37,909	10,582	27,327
For forging and piercing	15,682	15,009	-	15,009
Rails	13,213	15,287	-	15,287
Wire rods	29,132	32,644	-	32,644
Structural shapes:				
Heavy, including piling	28,499	33,409	-	33,409
Light	9,678	10,192	-	10,192
Concrete reinforcing bars	37,946	35,412	-	35,412
Other hot rolled bars	39,438	34,607	3,752	30,855
Tie plates and track material:				
Angle bars	-	28	-	28
Tie plates	1,891	1,870	-	1,870
Track spikes	366	222	-	222
Plates (including plates for pipes and tubes)	48,679	48,587	-	48,587
Hot rolled sheets and strip	230,336	223,760	153,447	70,313
Total hot rolled products ..	498,626	488,936	167,781	321,155
<u>Cold rolled and coated:</u>				
Cold finished bars	3,824	4,078	-	4,078
Cold reduced strip	4,624	4,233	-	4,233
Cold reduced sheets, tin mill black plate and tin plate	142,701	138,844	61,241	77,603
Galvanized sheets	34,596	31,798	-	31,798
Total cold rolled and coated .	185,745	178,953	61,241	117,712
Total carbon steel	684,371	667,889	229,022	438,867
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	478	478	478	-
For forging and piercing	3,259	3,117	-	3,117
Alloy plates	45	150	-	150
Other hot rolled bars, including high-speed steel and other alloy tool steel	8,420	9,148	145	9,003
Structurals	-	-	-	-
Cold finished bars	590	472	-	472
Wire rods	173	180	-	180
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,656	2,671	-	2,671
Total alloy steel	15,621	16,216	623	15,593

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended October 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	161,157	156,223	91,076	65,147
For forging and piercing	159,664	157,904	-	157,904
Rails	193,493	199,840	-	199,840
Wire rods	292,792	291,865	-	291,865
Structural shapes:				
Heavy, including piling	323,172	306,806	-	306,806
Light	66,483	70,100	-	70,100
Concrete reinforcing bars	343,200	334,968	-	334,968
Other hot rolled bars	330,559	330,021	31,321	298,700
Tie plates and track material:				
Angle bars	13,280	12,654	-	12,654
Tie plates	51,434	55,945	-	55,945
Track spikes	6,799	7,310	-	7,310
Plates (including plates for pipes and tubes)	507,351	513,413	-	513,413
Hot rolled sheets and strip	2,168,129	2,117,684	1,475,783	641,901
Total hot rolled products ..	4,617,513	4,554,733	1,598,180	2,956,553
<u>Cold rolled and coated:</u>				
Cold finished bars	32,831	33,737	-	33,737
Cold reduced strip	46,793	42,930	-	42,930
Cold reduced sheets, tin mill black plate and tin plate	1,512,979	1,523,069	706,439	816,630
Galvanized sheets	321,842	316,426	-	316,426
Total cold rolled and coated .	1,914,445	1,916,162	706,439	1,209,723
Total carbon steel	6,531,958	6,470,895	2,304,619	4,166,276
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	1,144	1,144	1,144	-
For forging and piercing	16,287	16,868	-	16,868
Alloy plates	1,012	1,337	-	1,337
Other hot rolled bars, including high-speed steel and other alloy tool steel	85,439	80,697	895	79,802
Structurals	-	-	-	-
Cold finished bars	4,858	5,080	-	5,080
Wire rods	1,703	1,765	-	1,765
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	23,824	24,076	-	24,076
Total alloy steel	134,267	130,967	2,039	128,928

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		October 1962		Ten months ended October 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	68,360	540	594,241	6,312
5	Direct export:				
	(a) British Commonwealth	25,095	432	93,626	3,869
	(b) All other	58,018	1,622	355,024	15,679
6	Automotive industries	21,816	5,081	196,894	44,946
7	Agricultural, including implement and equipment manufacturers	14,779	209	97,768	2,345
8	Building construction	87,492	230	841,977	1,899
9	Container industry	24,787	81	344,466	794
10	Machinery and tools	19,728	2,363	196,789	23,626
11	Merchant trade products	35,040	752	329,444	8,826
12	Mining, lumbering, etc.	4,622	1,748	51,889	12,651
13	National defence	23	20	1,839	219
14	Pressing, forming and stamping	20,793	351	224,158	3,759
15	Public works and utilities	2,505	-	33,260	-
16	Railway operating	1,581	23	193,685	177
17	Railway cars and locomotives	3,517	-	57,653	456
18	Shipbuilding	5,164	9	71,877	194
19	Pipes and tubes	43,827	2,132	469,653	3,176
20	Miscellaneous and unclassified	1,720	-	12,033	-
	Net shipments	438,867	15,593	4,166,276	128,928

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	88	150	634	8,205	2,411	14,881	8,927
5	Direct export:							
	(a) British Commonwealth	22,849	-	-	-	-	218	121
	(b) All other	5,050	14,338	487	658	62	325	1,967
6	Automotive industries .	2,148	-	-	197	116	-	7,781
7	Agricultural, etc.	-	-	44	1,156	1,326	-	5,039
8	Building construction .	3	169	1,691	21,967	4,683	17,608	2,403
9	Container industry	-	-	13	-	-	-	19
10	Machinery and tools ...	1,238	90	225	455	226	568	3,420
11	Merchant trade	660	-	29,394	19	150	-	3,784
12	Mining, lumbering, etc.	210	441	59	47	29	43	4,546
13	National defence	-	-	-	-	-	21	11
14	Pressing, forming and stamping	30	-	8	154	1,003	-	954
15	Public works and utilities	-	-	5	149	39	1,378	12
16	Railway operating	-	79	3	81	40	1	386
17	Railway cars and locomotives	464	20	4	87	47	-	260
18	Shipbuilding	4	-	-	234	60	-	171
19	Pipes and tubes	12,709	-	-	-	-	-	1
20	Miscellaneous and unclassified	-	-	257	-	-	369	56
	Net shipments	45,453	15,287	32,824	33,409	10,192	35,412	39,858

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
33	7,649	8,919	1,114	137	9,362	6,390	68,900	4
								5
-	-	1,363	1	-	329	646	25,527	(a)
1,872	2,098	13,718	1	773	15,577	2,714	59,640	(b)
-	279	8,882	1,068	333	5,052	1,041	26,897	6
-	1,019	3,466	924	18	1,748	248	14,988	7
11	12,085	4,965	19	74	4,340	17,704	87,722	8
-	-	312	1	-	24,386	137	24,868	9
-	6,734	5,235	579	395	2,327	599	22,091	10
-	29	735	506	4	415	96	35,792	11
13	479	111	64	-	283	45	6,370	12
-	-	6	3	2	-	-	43	13
-	676	5,653	243	1,575	8,917	1,931	21,144	14
8	850	-	5	-	59	-	2,505	15
181	631	132	4	-	-	66	1,604	16
-	1,150	1,466	1	-	18	-	3,517	17
1	4,651	-	1	-	-	51	5,173	18
-	10,407	18,021	-	70	4,621	130	45,959	19
1	-	-	16	852	169	-	1,720	20
2,120	48,737	72,984	4,550	4,233	77,603	31,798	454,460	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months Ended October 1962

October 1962								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	1,077	1,196	6,395	77,309	22,561	94,913	77,028
5	Direct export:							
	(a) British Commonwealth	60,005	-	271	-	-	7,887	2,289
	(b) All other	9,935	67,281	1,594	2,579	270	4,842	14,803
6	Automotive industries .	16,747	-	419	1,062	535	-	64,420
7	Agricultural, etc.	7	-	173	6,298	6,880	2	37,272
8	Building construction .	284	1,437	14,098	179,062	25,552	198,657	24,311
9	Container industry	79	-	119	-	-	2	420
10	Machinery and tools ...	12,380	513	3,858	8,562	3,122	2,699	40,604
11	Merchant trade	3,207	-	265,283	715	873	14	52,703
12	Mining, lumbering, etc.	1,924	5,312	861	4,095	651	541	39,078
13	National defence	-	3	-	-	-	1,067	165
14	Pressing, forming and stamping	688	-	100	1,404	6,970	19	7,641
15	Public works and utilities	8	38	61	4,361	118	23,291	529
16	Railway operating	36	123,907	126	2,215	488	43	5,839
17	Railway cars and locomotives	9,966	123	10	10,791	802	-	7,748
18	Shipbuilding	29	30	1	8,332	1,179	-	2,407
19	Pipes and tubes	123,547	-	-	20	-	-	376
20	Miscellaneous and unclassified	-	-	261	1	99	991	869
	Net shipments	239,919	199,840	293,630	306,806	70,100	334,968	378,502

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Products, Ten Months Ended October 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
546(2)	82,325	80,453	10,170	1,504	86,995	58,081	600,553(2)	4
								5
-	-	22,449	47	-	1,359	3,188	97,495	(a)
22,556(3)	18,485	85,920	38	773	100,501	41,126	370,703(3)	(b)
-	2,255	77,159	9,762	8,649	54,037	6,795	241,840	6
-	7,063	25,018	5,697	128	9,551	2,024	100,113	7
574	130,913	48,730	288	1,981	48,510	169,479	843,876	8
-	5	2,880	12	338	339,934	1,471	345,260	9
39	69,468	44,304	5,132	3,102	22,586	4,046	220,415	10
22	122	4,557	4,234	159	5,813	568	338,270	11
698	6,049	2,295	607	-	2,144	285	64,540	12
-	184	54	119	438	28	-	2,058	13
1	5,795	61,372	2,450	16,211	101,085	24,181	227,917	14
15	3,723	41	7	272	796	-	33,260	15
51,375	6,065	2,262	31	-	110	1,365	193,862	16
61	16,156	10,252	74	-	677	1,449	58,109	17
3	57,994	1,690	21	-	103	282	72,071	18
-	108,100	196,180	5	1,444	41,320	1,837	472,829	19
19	48	361	123	7,931	1,081	249	12,033	20
75,909	514,750	665,977	38,817	42,930	816,630	316,426	4,295,204	

(2) Includes revisions for February which should have read 34; total 46,578.

(3) Includes revisions for February which should have read 1,262; total 23,149.

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	September 1962	Nine months ended September 1962
	net tons of 2,000 pounds	
Pig iron	51,153	352,909
Sponge iron	342	3,260
Steel ingots	20,253	143,838
Blooms, billets, slab steel	22,955	26,369
Iron castings, n.e.s.	653	5,393
Steel castings	147	3,267
Forgings, n.e.s.	1,332	12,602
Bars steel, hot rolled	1,844	20,601
Wire rods steel, hot rolled	126	1,783
Bars steel, cold rolled	98	1,244
Plate steel	1,147	19,744
Sheet and strip, carbon steel, hot rolled	7,068	86,245
Sheet and strip, carbon steel, cold rolled	1,842	18,132
Sheet, strip, galvanized	2,760	40,968
Sheet and strip, n.e.s.	8,530	78,081
Structural shapes	1,159	7,382
Rails	18,399	60,878
Cast iron pipe	-	121
Pipes and tubes, iron and steel, n.e.s.	1,323	37,191
Totals	141,131	920,008

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	July 1962			Seven months ended July 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	22,966	3,382	577.5	171,400	24,972	6,292.5
United Kingdom	11,159	203	452.0	63,812	1,475	2,364.6
Australia	7,032	-	-	12,018	-	-
Austria	138	4	-	806	103	.1
Belgium	18,342	1	-	85,453(1)	1	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	13	-	-	52	-	-
France	5,796	-	-	26,510	-	28.3
Germany	4,982	-	.3	35,396	74	2.7
Israel	-	-	-	44	-	-
Italy	7	-	-	215	-	-
Japan	4,777	-	103.4	37,036	-	576.1
Netherlands	97	-	-	1,301	-	-
Norway	114	-	-	442	-	-
Sweden	377	6	114.6	1,393	229	731.0
Switzerland	69	-	-	537	-	-
Union of South Africa	43	-	-	43	-	-
Totals	75,912	3,596	1,247.8	436,522(2)	26,854	9,996.4

(1) Includes revision for May which should have read 23,182 tons.

(2) Includes revision for May which should have read 84,527 tons.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pig Iron:</u>							
Other	United States ...	-	-	-	17	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	139	70	37.1	392	267	126.1
Billets, blooms, slabs and sheet bar	United States ...	109	32	49.6	1,317	226	529.4
	United Kingdom ..	150	6	-	772	8	-
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States ...	6	19	-	53	296	-
Tool steel billets	United States ...	-	27	-	3	55	-
	United Kingdom ..	-	-	-	4	34	-
	Austria	-	-	-	-	16	-
<u>Bars and rods:</u>							
Concrete re-inforcing bars	United States ...	-	-	-	45	-	-
	Australia	5,813	-	-	6,261	-	-
	Belgium	5,536	-	-	36,829(1)	-	-
	France	1,333	-	-	5,566	-	-
	Germany	536	-	-	10,254	-	-
	Japan	1,949	-	-	7,907	-	-
Hot rolled bars n.e.s.	United States ...	306	281	13.8	4,753	2,300	62.8
	United Kingdom ..	153	25	44.3	1,589	142	186.6
	Australia	-	-	-	124	-	-
	Austria	-	-	-	-	29	-
	Belgium	1,573	-	-	7,748	-	-
	France	91	-	-	430	-	-
	Germany	276	-	-	1,665	-	-
	Japan	223	-	1.0	743	-	2.0
	Sweden	63	-	.5	63	40	12.7
Hot rolled bars for agricultural implements ..	United States ...	145	-	-	760	27	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	31	15	-	301	31	10.8
	United Kingdom ..	2	1	-	186	35	10.3
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled	United States ...	19	-	-	79	-	-
	United Kingdom ..	195	-	-	3,038	-	-
	Australia	-	-	-	537	-	-
	Belgium	3,398	-	-	10,369	-	-
	France	2,050	-	-	9,647	-	-
	Germany	567	-	-	1,586	-	-
	Japan	507	-	-	1,723	-	-
	Netherlands	-	-	-	58	-	-

(1) Includes revisions for May which should have read 10,471.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	81	83	12.3	368	236	67.4
	United Kingdom ..	290	-	-	1,504	1	11.8
	Belgium	8	-	-	274	-	-
	Japan	9	-	-	150	-	-
Cold rolled bars for agri- cultural implements	United States ...	14	-	-	249	-	-
Bars and rods, tool steel ..	United States ...	88	41	-	1,137	224	-
	United Kingdom ..	4	24	-	32	156	-
	Austria	-	3	-	10	53	-
	Netherlands	22	-	-	22	-	-
	Sweden	4	5	-	62	152	-
<u>Plates:</u>							
Plate 60" and under in width	United States ...	336	327	25.9	1,899	3,341	331.3
	United Kingdom ..	77	-	87.6	1,649	22	381.5
	Australia	-	-	-	569	-	-
	Belgium	46	-	-	708	-	-
	France	33	-	-	33	-	-
	Germany	70	-	-	3,224	-	-
	Japan	158	-	14.7	2,443	-	40.1
	Sweden	1	-	32.7	13	13	140.2
Plate over 60" up to and including 100" in width ..	United States ...	389	584	33.9	3,222	2,850	507.4
	United Kingdom ..	21	-	5.1	690	-	5.1
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	-	-	-	2,406	-	-
	Japan	220	-	-	2,831	-	-
	Sweden	-	-	33.8	-	1	142.4
Plate over 100" in width ...	United States ...	357	49	44.6	2,011	110	210.8
	United Kingdom ..	7	-	-	574	-	-
	Japan	-	-	-	102	-	-
Floor plates	United States ...	154	-	-	1,734	-	-
	United Kingdom ..	248	-	-	1,355	-	-
	Germany	13	-	-	35	-	-
	Japan	98	-	-	1,039	-	-
Flanged, dished, drilled or not	United States ...	257	-	-	2,044	-	-
<u>Plate, sheet or strip for saws and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground for saws	United States ...	134	-	-	901	-	-
	United Kingdom ..	9	-	-	56	-	-
	Austria	1	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	1	-	-	6	-	-
	Sweden	2	-	-	65	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip, for saws</u> <u>and for pipes and tubes -</u> <u>Concluded:</u>							
Plate, sheet or strip, hardened, tempered or ground, for saws	United States ...	14	-	-	101	-	-
	United Kingdom ..	4	-	-	16	-	-
	Sweden	11	-	-	77	-	-
Carbon steel, hot rolled, for pipes, over 60" in width	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled, for pipes and tubes 15 3/8" or less in width	United Kingdom ..	-	-	-	576	-	-
	Australia	1,219	-	-	4,207	-	-
Carbon steel, cold rolled, for pipes and tubes	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width	United States ...	481	34	-	2,975	138	-
	United Kingdom ..	46	2	-	397	9	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	404	-	-	2,360	-	-
	France	-	-	-	132	-	-
	Germany	25	-	-	165	-	-
	Japan	44	-	-	98	-	-
Hot rolled 24" to 51" in width	United States ...	675	2	-	3,604	55	-
	United Kingdom ..	-	-	-	14	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	Germany	44	-	-	281	-	-
	Japan	175	-	-	391	-	-
	Un. South Africa	43	-	-	43	-	-
Hot rolled over 51" in width	United States ...	914	1	-	6,739	60	-
	United Kingdom ..	-	-	-	112	-	-
	Japan	53	-	-	353	-	-
Cold rolled under 24" in width	United States ...	255	1	-	2,672	33	-
	United Kingdom ..	27	-	-	245	-	-
	Belgium	23	-	-	59	-	-
	Germany	18	-	-	82	-	-
	Japan	-	-	-	15	-	-
	Netherlands	-	-	-	4	-	-
	Sweden	60	1	-	195	2	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip (except</u>							
<u>Stainless - Concluded:</u>							
Cold rolled 24" to 51" in width	United States ...	345	2	-	3,935	7	-
	United Kingdom ..	-	-	-	120	-	-
	Australia	-	-	-	31	-	-
Cold rolled over 51" in width	United States ...	209	-	-	5,502	-	-
Finished for porcelain enamelling	United States ...	220	-	-	3,053	-	-
Tin plate primes	United States ...	15	-	-	233	-	-
	United Kingdom ..	26	-	-	84	-	-
Tin plate electrolytic	United States ...	169	-	-	324	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate wasters, seconds or rejects	United States ...	126	-	-	463	-	-
Asbestos bonded, galvanized	United States ...	41	-	-	124	-	-
	United Kingdom ..	56	-	-	101	-	-
Electro-galvanized	United States ...	84	-	-	1,116	-	-
	United Kingdom ..	-	-	-	6	-	-
Galvanized n.e.s.	United States ...	472	-	-	2,360	-	-
	United Kingdom ..	27	-	-	57	-	-
	Belgium	4	-	-	12	-	-
	Germany	-	-	-	8	-	-
	Japan	30	-	-	596	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States ...	967	-	-	5,450	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	629	-	-	3,249	-	-
Metal coated n.e.s.	United States ...	70	-	-	403	-	-
	United Kingdom ..	-	-	-	17	-	-
	Germany	-	-	-	56	-	-
Coated n.e.s.	United States ...	986	-	-	5,548	-	-
	United Kingdom ..	25	-	-	241	-	-
	Germany	-	-	-	22	-	-

Sheets and strip stainless
and silicon:

Hot rolled stainless:

18" and under in width 18 gauge and heavier	United States ...	-	-	.4	-	-	53.7
	United Kingdom ..	-	-	-	-	-	1.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Hot rolled stainless - Concluded:							
18" and under in width lighter than 18 gauge	United States ...	-	-	-	-	-	5.3
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	9.9	-	-	58.2
	United Kingdom ..	-	-	75.6	-	-	638.4
	Belgium	-	-	-	-	-	1.1
	Germany	-	-	.3	-	-	.3
	Japan	-	-	-	-	-	3.2
	Sweden	-	-	31.3	-	-	353.4
Over 18" to 60" in width lighter than 18 gauge	United States ...	-	-	.1	-	-	4.4
	United Kingdom ..	-	-	15.3	-	-	127.0
Over 60" in width	United States ...	-	-	.6	-	-	3.6
	Sweden	-	-	4.8	-	-	22.1
Cold rolled stainless:							
18" and under in width 18 gauge and heavier ...	United States ...	-	-	47.8	-	-	322.0
	United Kingdom ..	-	-	-	-	-	7.9
18" and under in width lighter than 18 gauge ..	United States ...	-	-	75.9	-	-	698.7
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	.3	-	-	2.9
Over 18" to 51" in width 18 gauge and heavier ...	United States ...	-	-	105.1	-	-	1,427.2
	United Kingdom ..	-	-	52.9	-	-	245.6
	Japan	-	-	35.8	-	-	209.8
Over 18" to 51" in width lighter than 18 gauge ..	United States ...	-	-	24.4	-	-	1,102.6
	United Kingdom ..	-	-	102.0	-	-	541.3
	France	-	-	-	-	-	18.0
	Japan	-	-	39.6	-	-	205.1
Over 51" in width	United States ...	-	-	10.5	-	-	52.9
	Japan	-	-	11.2	-	-	99.7
Electrical, silicon 2.90 or more	United States ...	-	1,346	-	-	11,227	-
	United Kingdom ..	-	23	-	-	62	-
Electrical n.e.s.	United States ...	-	85	-	-	652	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	2,766	-	-	18,999	-	-
	United Kingdom ..	408	-	-	2,158	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded:</u>							
Bearing piling	United States ...	89	-	-	2,722	-	-
	United Kingdom ..	771	-	-	864	-	-
	Belgium	356	-	-	356	-	-
	France	-	-	-	53	-	-
	Germany	102	-	-	102	-	-
Wide flange beams n.e.s. ...	United States ...	4,584	-	-	32,233	-	-
	United Kingdom ..	1,961	-	-	7,957	-	-
	Belgium	99	-	-	920	-	-
	Germany	303	-	-	1,535	-	-
Structural shapes, large size, n.e.s.	United States ...	764	-	-	8,488	-	-
	United Kingdom ..	261	-	-	2,088	-	-
	Belgium	586	-	-	3,289	-	-
	France	241	-	-	1,120	-	-
	Germany	85	-	-	85	-	-
Structural shapes interme- diate size n.e.s.	United States ...	411	-	-	2,513	-	-
	United Kingdom ..	218	-	-	587	-	-
	Belgium	1,269	-	-	5,531	-	-
	France	77	-	-	583	-	-
	Germany	141	-	-	595	-	-
	Italy	-	-	-	6	-	-
	Japan	-	-	-	161	-	-
Structural shapes bar size n.e.s.	United States ...	437	174	-	2,087	285	-
	United Kingdom ..	68	-	-	470	8	-
	Belgium	2,219	-	-	9,485	-	-
	France	150	-	-	766	-	-
	Germany	657	-	-	3,212	-	-
	Japan	-	-	-	346	-	-
	Sweden	-	-	-	-	17	-
Sheet piling	United States ...	136	-	-	3,516	-	-
	United Kingdom ..	1,210	-	-	1,514	-	-
	Belgium	2,030	-	-	3,323	-	-
	Germany	51	-	-	97	-	-
	Japan	-	-	-	109	-	-
Sash casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	United States	192	-	-	818	-	-
	United Kingdom ..	97	-	-	229	-	-
	Belgium	-	-	-	134	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u> <u>steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles							
	United States ...	1	-	-	22	-	-
	United Kingdom ..	222	-	-	408	-	-
	Austria	-	-	-	5	-	-
Tires of steel in the rough for railway vehicles							
	United States ...	7	-	-	48	-	-
	United Kingdom ..	3	-	-	6	-	-
Steel wheels for railway rolling stock							
	United States ...	12	-	-	383	-	-
	United Kingdom ..	116	-	-	582	-	-
Rails 60 lb. and under per lineal yard							
	United States ...	28	-	-	48	-	-
	Germany	51	-	-	654	-	-
Rails over 60 lb. up to and including 100 lb. per lineal yard							
	United States ...	45	-	-	316	-	-
	United Kingdom ..	-	-	-	90	-	-
Rails over 100 lb. per lineal yard							
	United States ...	147	-	-	814	-	-
Fish plates, splice bars, rail joints and tie plates, iron and steel							
	United States ...	10	-	-	664	-	-
	United Kingdom ..	1	-	-	247	-	-
	Germany	18	-	-	211	-	-
Railway track material n.e.s.							
	United States ...	149	-	-	302	-	-
	United Kingdom ..	9	-	-	11	-	-
<u>Pipes and tubes:</u>							
Cast iron							
	United States ...	43	-	-	383	-	-
	United Kingdom ..	348	-	-	3,695	-	-
	Australia	-	-	-	90	-	-
	France	-	-	-	82	-	-
Drill pipe							
	United States ...	80	-	-	906	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
Oil country tubing							
3 1/2" O.D. and under	United States ...	273	-	-	2,019	-	.4
	United Kingdom ..	456	-	-	2,539	-	-
	Austria	62	-	-	133	-	-
	France	-	-	-	178	-	-
	Italy	-	-	-	93	-	-
	Japan	-	-	-	2,047	-	-
Casing, J-55 and							
H-40	United States ...	18	-	-	1,262	-	-
	United Kingdom ..	819	-	-	5,402	-	-
	France	-	-	-	32	-	-
	Germany	514	-	-	1,770	-	-
	Japan	-	-	-	5,398	-	-
Casing, all other	United States ...	-	-	-	495	-	-
	United Kingdom ..	-	-	-	238	-	-
	Japan	234	-	-	2,124	-	-
Seamless hot finished:							
Up to and including							
6 5/8" O.D.	United States ...	27	8	.7	546	50	31.1
	United Kingdom ..	22	19	-	284	19	-
	Germany	2	-	-	670	-	-
	Israel	-	-	-	28	-	-
	Japan	-	-	-	46	-	-
	Sweden	-	-	-	-	2	.7
Over 6 5/8" up to							
and including 10 1/2"							
O.D.	United States ...	5	2	.2	85	63	1.3
	United Kingdom ..	-	-	-	59	-	-
	Germany	15	-	-	15	-	-
	Sweden	1	-	-	1	-	-
Over 10 1/2" up to and							
including 16" O.D.	United States ...	419	-	-	1,417	12	2.7
	United Kingdom ..	-	-	-	27	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	-	-	-	1	-
Over 16" O.D.	United States ...	212	-	-	1,328	-	-
	Italy	-	-	-	102	-	-
Mechanical tubing	United States ...	1,701	56	5.2	11,432	836	39.6
	United Kingdom ..	28	103	.6	261	454	20.4
	Denmark	-	-	-	5	-	-
	Germany	89	-	-	183	73	-
	Netherlands	-	-	-	3	-	-
	Sweden	193	-	-	621	1	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
For pressure parts of boilers:							
Seamless hot finished	United States ...	226	3	-	1,114	754	1.0
	United Kingdom ..	228	-	-	1,302	391	-
	Germany	22	-	-	769	-	-
	Italy	7	-	-	7	-	-
Seamless cold- drawn	United States ...	14	1	-	90	11	.7
	United Kingdom ..	-	-	-	23	43	-
	Germany	-	-	-	7	-	-
Welded	United States ...	15	-	.2	128	-	16.4
	United Kingdom ..	89	-	30.1	969	-	30.1
	France	48	-	-	56	-	-
	Germany	34	-	-	43	-	-
	Switzerland	69	-	-	537	-	-
Seamless cold- drawn n.e.s.	United States ...	138	13	23.6	969	29	167.4
	United Kingdom ..	5	-	32.1	130	46	131.6
	France	-	-	-	6	-	-
	Germany	-	-	-	73	-	.1
	Japan	3	-	.8	36	-	6.0
	Sweden	19	-	4.7	99	-	30.8
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	178	-	16.4	1,293	-	148.8
	United Kingdom ..	1,013	-	.8	4,062	-	3.8
	Belgium	125	-	-	181	-	-
	France	1,518	-	-	6,131	-	-
	Germany	418	-	-	2,158	-	-
	Israel	-	-	-	16	-	-
	Japan	69	-	-	901	-	.5
	Norway	96	-	-	354	-	-
	Sweden	-	-	2.0	8	-	5.7
Over 4 1/2" up to and including 16" O.D. n.e.s.	United States ...	66	-	7.9	443	-	37.5
	United Kingdom ..	16	-	-	16	-	-
	Germany	38	-	-	173	-	-
	Japan	18	-	-	136	-	-
	Sweden	-	-	1.0	6	-	8.8
Over 16" O.D. n.e.s.	United States ...	54	3	.4	287	3	.8
	United Kingdom ..	-	-	-	5	-	-
	Germany	329	-	-	329	-	-
Spiral welded	United States ...	88	-	-	699	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Wire and wire products:							
Welding rods, steel	United States ...	73	82	20.7	366	454	151.8
	United Kingdom ..	90	-	-	516	44	-
	Austria	-	1	-	-	2	.1
	Belgium	-	-	-	1	1	-
	Germany	-	-	-	-	1	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	1.1	95	-	8.7
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States ...	65	40	3.1	258	303	27.2
	United Kingdom ..	5	-	-	6	-	-
Wire n.e.s.	United States ...	97	1	1.8	858	37	47.1
	United Kingdom ..	133	-	5.6	640	1	22.1
	Austria	73	-	-	572	-	-
	Belgium	478	-	-	2,123	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	166	-	-	914	-	-
	Germany	-	-	-	62	-	.5
	Japan	345	-	-	990	-	3.8
	Netherlands	-	-	-	557	-	-
	Norway	-	-	-	1	-	-
	Sweden	23	-	2.7	86	-	5.5
Galvanized fencing wire	United Kingdom ..	50	-	-	811	-	-
	Belgium	41	-	-	325	-	-
	France	-	-	-	27	-	-
	Germany	45	-	-	57	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States ...	34	-	-	240	-	-
	United Kingdom ..	36	-	-	492	-	-
	Austria	2	-	-	85	-	-
	Belgium	96	-	-	842	-	-
	France	34	-	-	262	-	-
	Germany	120	-	-	260	-	-
	Italy	-	-	-	7	-	-
	Japan	227	-	-	609	-	-
	Netherlands	-	-	-	82	-	-
Coated or covered with any material n.e.s.	United States ...	45	-	5.4	257	-	40.2
	United Kingdom ..	13	-	-	142	-	-
	Belgium	1	-	-	15	-	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	2	-	-
	Netherlands	-	-	-	2	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	July 1962			Seven months ended July 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire Products -</u>							
<u>Concluded:</u>							
Wire rope	United States ...	79	-	-	1,136	-	3.9
	United Kingdom ..	257	-	-	1,750	-	-
	Belgium	17	-	-	273	-	-
	Denmark	11	-	-	45	-	-
	France	55	-	-	476	-	-
	Germany	30	-	-	322	-	-
	Japan	64	-	-	1,334	-	-
	Netherlands	75	-	-	563	-	-
	Norway	18	-	-	87	-	-
	Sweden	-	-	-	2	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	-	-	-	106	-	-
	Denmark	2	-	-	2	-	-
	Japan	157	-	-	855	-	-
Wire, steel, valued at not less than 2 3/4 cents per pound, for wire rope	United States ...	1	-	-	100	-	-
	United Kingdom ..	839	-	-	7,770	-	-
	Belgium	33	-	-	35	-	-
	France	-	-	-	10	-	-
	Germany	368	-	-	2,004	-	-
	Japan	194	-	-	1,229	-	-
Totals		75,912	3,596	1,247.8	436,522(1)	26,854	9,996.4

(1) Includes revision for May which should have read 84,527 tons.

Doc CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of
PRIMARY IRON AND STEEL
NOVEMBER 1962



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

February 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 11

TABLE 1. Description of Iron Blast Furnaces(1) at End of November 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	12	3,713,100	73.5
Banked	-	-	-
Blown out	5	1,341,800	26.5
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	November 1962	Eleven months ended November 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	72,673	861,987
From foreign mines	93,551	1,696,002
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	123,992	1,373,242
From foreign mines	219,946	2,206,460
From own processing	145,015	1,652,056
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,733	178,838
Scrap iron and steel	6,367	78,563
Limestone	55,906	680,186
Dolomite	35,126	431,548
Coke	259,015	2,999,901

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys November

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	350,765	6,645	373,641	7,843
Foundry (including silvery pig) (2)	42,310	24,765	2,565	21,074
Malleable	53,100	26,434	22,630	42,239
Total pig iron	446,175	57,844	398,836	71,156
Ferro-alloys	11,047	12,036	12,896	12,404
Stocks of pig iron on hand at end of month	338,389		302,174	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Eleven Months Ended November

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	3,851,875	123,855	4,178,122	47,865
Foundry (including silvery pig) (2)	328,832	264,137	249,359	261,343
Malleable	337,801	334,870	473,477	395,905
Total pig iron	4,518,508	722,862	4,900,958	705,113
Ferro-alloys	106,455	113,985	126,124	119,108

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	November		Eleven months ended November	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	343,956	374,494	3,739,893	4,186,999
Scrap - Own make	170,835	157,963	1,682,086	1,815,066
Purchased	109,988	149,510	1,272,875	1,422,295
Total pig iron and scrap	624,779	681,967	6,694,854	7,424,360

TABLE 7. Production and Shipments of Steel Ingots and Castings, November

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	467,692	33,986	534,532	495
Electric	55,917	8,183	63,326	7,805
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	523,609	42,169	597,858	8,300
Alloy steel ingots included in above	19,758	877	32,941	1,064
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	352	352	404	404
Electric	10,347	9,495	9,641	9,260
Other	17	28	-	-
Total steel castings	10,716	9,875	10,045	9,664
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	243	210	298	280
High alloy, manganese and abrasion resistant ...	1,672	1,686	2,125	2,133
All other alloys	380	385	642	594
Total alloy castings	2,295	2,281	3,065	3,007

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Eleven Months Ended November

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	5,290,108	126,768	5,883,855	156,225
Electric	592,376	122,877	601,430	83,412
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	5,882,484	249,645	6,485,285	239,637
Alloy steel ingots included in above	223,845	5,752	288,571	9,450
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,637	2,637	3,753	3,753
Electric	98,174	96,119	110,452	108,853
Other	329	325	-	-
Total steel castings	101,140	99,081	114,205	112,606
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	2,336	2,110	3,003	2,676
High alloy, manganese and abrasion resistant ...	15,219	14,911	19,626	19,465
All other alloys	4,427	4,118	4,906	4,879
Total alloy castings	21,982	21,139	27,535	27,020

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	November 1962		Eleven months ended November 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	198	-	264
All other	98	223	988	3,312
Automotive industries	310	25	2,442	251
Agricultural, including implement and equipment manufacturers	198	19	1,336	271
Machinery and tools	1,496	558	15,592	4,668
Mining, lumbering and quarrying industries	1,030	1,140	8,280	9,857
Oil and gas, including refineries	87	45	1,064	407
National defence	-	5	172	104
Public works and public utilities	35	39	260	291
Railway operating	2,717	225	40,818	2,041
Railway cars and locomotives	514	139	12,245	973
Shipbuilding	71	26	815	118
Miscellaneous and unclassified	101	365	1,646	4,463
Total shipments	6,657	3,007	85,658	27,020

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, November

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	15,850	15,443	13,878	13,088
Over 4 1/2" outside diameter (including all sizes of casing)	12,264	20,523	14,138	12,785
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,355	6,863	7,126	6,794
Totals	35,469	42,829	35,142	32,667
<u>Steel pipe fittings:</u>				
Buttwelding fittings	72	70	103	133
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	565	430	495	499
Totals	637	500	598	632

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Eleven Months Ended November

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	172,683	168,471	191,602	182,194
Over 4 1/2 " outside diameter (including all sizes of casing)	368,492	396,505	189,945	182,821
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	71,140	67,202	72,735	71,195
Totals	612,315	632,178	454,282	436,210
<u>Steel pipe fittings:</u>				
Buttwelding fittings	767	971	1,198	1,393
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	4,850	5,326	5,410	5,850
Totals	5,617	6,297	6,608	7,243

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, November 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	34,483	46,793	10,356	36,437
For forging and piercing	11,929	12,875	-	12,875
Rails	16,717	15,188	-	15,188
Wire rods	30,764	30,008	-	30,008
Structural shapes:				
Heavy, including piling	22,790	26,382	-	26,382
Light	6,185	7,224	-	7,224
Concrete reinforcing bars	40,565	37,408	-	37,408
Other hot rolled bars	39,771	40,937	3,726	37,211
Tie plates and track material:				
Angle bars	-	6	-	6
Tie plates	-	20	-	20
Track spikes	476	368	-	368
Plates (including plates for pipes and tubes)	46,862	48,465	-	48,465
Hot rolled sheets and strip	229,735	231,150	143,048	88,102
Total hot rolled products ..	480,277	496,824	157,130	339,694
<u>Cold rolled and coated:</u>				
Cold finished bars	4,618	4,518	-	4,518
Cold reduced strip	5,069	4,698	-	4,698
Cold reduced sheets, tin mill black plate and tin plate	142,477	139,901	63,233	76,668
Galvanized sheets	29,773	31,540	-	31,540
Total cold rolled and coated .	181,937	180,657	63,233	117,424
Total carbon steel	662,214	677,481	220,363	457,118
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	14	14	14	-
For forging and piercing	2,466	2,586	-	2,586
Alloy plates	123	16	-	16
Other hot rolled bars, including high-speed steel and other alloy tool steel	13,339	10,919	52	10,867
Structurals	-	-	-	-
Cold finished bars	705	654	-	654
Wire rods	226	231	-	231
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,355	3,245	-	3,245
Total alloy steel	20,228	17,665	66	17,599

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eleven Months Ended November 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	195,640	203,016	101,432	101,584
For forging and piercing	171,593	170,779	-	170,779
Rails	210,210	215,028	-	215,028
Wire rods	323,556	321,873	-	321,873
Structural shapes:				
Heavy, including piling	345,962	333,188	-	333,188
Light	72,668	77,324	-	77,324
Concrete reinforcing bars	383,765	372,376	-	372,376
Other hot rolled bars	370,330	370,958	35,047	335,911
Tie plates and track material:				
Angle bars	13,280	12,660	-	12,660
Tie plates	51,434	55,965	-	55,965
Track spikes	7,275	7,678	-	7,678
Plates (including plates for pipes and tubes)	554,213	561,878	-	561,878
Hot rolled sheets and strip	2,397,864	2,348,834	1,618,831	730,003
Total hot rolled products ..	5,097,790	5,051,557	1,755,310	3,296,247
<u>Cold rolled and coated:</u>				
Cold finished bars	37,449	38,255	-	38,255
Cold reduced strip	51,862	47,628	-	47,628
Cold reduced sheets, tin mill black plate and tin plate	1,655,456	1,662,970	769,672	893,298
Galvanized sheets	351,615	347,966	-	347,966
Total cold rolled and coated .	2,096,382	2,096,819	769,672	1,327,147
Total carbon steel	7,194,172	7,148,376	2,524,982	4,623,394
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	1,158	1,158	1,158	-
For forging and piercing	18,753	19,454	-	19,454
Alloy plates	1,135	1,353	-	1,353
Other hot rolled bars, including high-speed steel and other alloy tool steel	98,778	91,616	947	90,669
Structurals	-	-	-	-
Cold finished bars	5,563	5,734	-	5,734
Wire rods	1,929	1,996	-	1,996
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	27,179	27,321	-	27,321
Total alloy steel	154,495	148,632	2,105	146,527

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		November 1962		Eleven months ended November 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	65,673	723	659,914	7,035
5	Direct export:				
	(a) British Commonwealth	22,792	592	116,418	4,461
	(b) All other	75,094	2,309	430,118	17,988
6	Automotive industries	27,056	6,255	223,950	51,201
7	Agricultural, including implement and equipment manufacturers	15,807	878	113,575	3,223
8	Building construction	87,564	91	929,541	1,990
9	Container industry	19,860	130	364,326	924
10	Machinery and tools	20,580	2,630	217,369	26,256
11	Merchant trade products	33,674	781	363,118	9,607
12	Mining, lumbering, etc.	5,239	2,304	57,128	14,955
13	National defence	13	56	1,852	275
14	Pressing, forming and stamping	22,644	394	246,802	4,153
15	Public works and utilities	1,718	-	34,978	-
16	Railway operating	16,322	29	210,007	206
17	Railway cars and locomotives	1,110	13	58,763	469
18	Shipbuilding	3,397	10	75,274	204
19	Pipes and tubes	37,196	404	506,849	3,580
20	Miscellaneous and unclassified	1,379	-	13,412	-
	Net shipments	457,118	17,599	4,623,394	146,527

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	-	153	635	5,629	1,897	11,564	7,891
5	Direct export:							
	(a) British Commonwealth	22,448	-	-	-	-	286	188
	(b) All other	14,972	65	1,063	1,892	36	270	2,386
6	Automotive industries .	4,159	-	9	69	54	82	10,475
7	Agricultural, etc.	-	-	15	555	616	-	6,098
8	Building construction .	20	77	1,169	16,572	2,630	23,401	3,177
9	Container industry	-	-	24	-	-	-	3
10	Machinery and tools ...	1,133	76	319	555	665	428	4,567
11	Merchant trade	413	-	26,849	44	113	-	4,754
12	Mining, lumbering, etc.	56	217	42	249	36	24	6,249
13	National defence	-	-	-	-	-	6	43
14	Pressing, forming and stamping	50	-	13	300	1,061	-	742
15	Public works and utilities	-	-	-	243	10	1,180	186
16	Railway operating	-	14,578	-	33	-	-	692
17	Railway cars and locomotives	261	-	1	34	20	-	419
18	Shipbuilding	2	22	-	206	86	-	127
19	Pipes and tubes	8,384	-	-	-	-	-	2
20	Miscellaneous and unclassified	-	-	100	1	-	167	79
	Net shipments	51,898	15,188	30,239	26,382	7,224	37,408	48,078

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
65	8,967	10,402	1,302	110	11,399	6,382	66,396	4
								5
-	-	426	36	-	-	-	23,384	(a)
-	2,589	33,603	1	-	14,381	6,145	77,403	(b)
-	280	9,155	1,293	1,263	5,773	699	33,311	6
-	655	5,193	1,023	2	2,136	392	16,685	7
23	16,524	4,890	43	220	4,063	14,846	87,655	8
-	-	319	1	-	19,379	264	19,990	9
-	6,805	4,522	582	383	2,905	270	23,210	10
15	22	793	443	10	857	142	34,455	11
25	249	278	73	-	8	37	7,543	12
-	-	8	12	-	-	-	69	13
-	560	4,898	335	1,750	11,207	2,122	23,038	14
-	49	-	1	-	49	-	1,718	15
265	478	259	4	-	-	42	16,351	16
-	295	39	1	-	53	-	1,123	17
1	2,861	96	6	-	-	-	3,407	18
-	8,147	16,466	-	70	4,373	158	37,600	19
-	-	-	16	890	85	41	1,379	20
394	48,481	91,347	5,172	4,698	76,668	31,540	474,717	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1962

November 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	1,077	1,349	7,030	82,938	24,458	106,477	84,919
5.	Direct export:							
	(a) British Commonwealth	82,453	-	271	-	-	8,173	2,477
	(b) All other	24,907	67,346	2,657	4,471	306	5,112	17,189
6	Automotive industries .	20,906	-	428	1,131	589	82	74,895
7	Agricultural, etc.	7	-	188	6,853	7,496	2	43,370
8	Building construction .	304	1,514	15,267	195,634	28,182	222,058	27,488
9	Container industry	79	-	143	-	-	2	423
10	Machinery and tools ...	13,513	589	4,177	9,117	3,787	3,127	45,171
11	Merchant trade	3,620	-	292,132	759	986	14	57,457
12	Mining, lumbering, etc.	1,980	5,529	903	4,344	687	565	45,327
13	National defence	-	3	-	-	-	1,073	208
14	Pressing, forming and stamping	738	-	113	1,704	8,031	19	8,383
15	Public works and utilities	8	38	61	4,604	128	24,471	715
16	Railway operating	36	138,485	126	2,248	488	43	6,531
17	Railway cars and locomotives	10,227	123	11	10,825	822	-	8,167
18	Shipbuilding	31	52	1	8,538	1,265	-	2,534
19	Pipes and tubes	131,931	-	-	20	-	-	378
20	Miscellaneous and unclassified	-	-	361	2	99	1,158	948
	Net shipments	291,817	215,028	323,869	333,188	77,324	372,376	426,580

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
611	91,292	90,855	11,472	1,614	98,394	64,463	666,949	4
								5
-	-	22,875	83	-	1,359	3,188	120,879	(a)
22,556	21,074	119,523	39	773	114,882	47,271	448,106	(b)
-	2,535	86,314	11,055	9,912	59,810	7,494	275,151	6
-	7,718	30,211	6,720	130	11,687	2,416	116,798	7
597	147,437	53,620	331	2,201	52,573	184,325	931,531	8
-	5	3,199	13	338	359,313	1,735	365,250	9
39	76,273	48,826	5,714	3,485	25,491	4,316	243,625	10
37	144	5,350	4,677	169	6,670	710	372,725	11
723	6,298	2,573	680	-	2,152	322	72,083	12
-	184	62	131	438	28	-	2,127	13
1	6,355	66,270	2,785	17,961	112,292	26,303	250,955	14
15	3,772	41	8	272	845	-	34,978	15
51,640	6,543	2,521	35	-	110	1,407	210,213	16
61	16,451	10,291	75	-	730	1,449	59,232	17
4	60,855	1,786	27	-	103	282	75,478	18
-	116,247	212,646	5	1,514	45,693	1,995	510,429	19
19	48	361	139	8,821	1,166	290	13,412	20
76,303	563,231	757,324	43,989	47,628	893,298	347,966	4,769,921	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	October 1962	Ten months ended October 1962
	net tons of 2,000 pounds	
Pig iron	35,655	388,564
Sponge iron	560	3,820
Steel ingots	15,684	159,522
Blooms, billets, slab steel	43,731	70,100
Iron castings, n.e.s.	776	6,169
Steel castings	204	3,471
Forgings, n.e.s.	1,714	14,316
Bars steel, hot rolled	1,280	21,881
Wire rods steel, hot rolled	420	2,203
Bars steel, cold rolled	87	1,331
Plate steel	2,356	22,100
Sheet and strip, carbon steel, hot rolled	15,879	102,124
Sheet and strip, carbon steel, cold rolled	4,330	22,462
Sheet, strip, galvanized	3,884	44,852
Sheet and strip, n.e.s.	9,629	87,710
Structural shapes	5,171	12,553
Rails	17,399	78,277
Cast iron pipe	-	121
Pipes and tubes, iron and steel, n.e.s.	4,936	42,127
Totals	163,695	1,083,703

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	August 1962			Eight months ended August 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	23,509	3,395	1,148.5	194,909	28,367	7,441.0
United Kingdom	9,779	344	288.5	73,591	1,819	2,653.1
Australia	4,033	-	-	16,051	-	-
Austria	154	3	-	960	106	.1
Belgium	13,353	1	-	98,806	2	1.1
Czechoslovakia	-	-	-	64	-	-
Denmark	2	-	-	54	-	-
Finland	2,932	-	-	2,932	-	-
France	5,043	-	30.4	31,553	-	58.7
Germany	9,568	4	-	44,964	78	2.7
Israel	-	-	-	44	-	-
Italy	4	-	-	219	-	-
Japan	9,518	-	110.0	46,554	-	686.1
Netherlands	169	-	-	1,470	-	-
Norway	8	-	-	450	-	-
Sweden	97	123	24.4	1,490	352	755.4
Switzerland	239	-	-	776	-	-
Union of South Africa	-	-	-	43	-	-
Totals	78,408	3,870	1,601.8	514,930	30,724	11,598.2

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Other	United States ...	-	-	-	17	-	-
	Finland	2,932	-	-	2,932	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	-	106	8.2	392	373	134.3
Billets, blooms, slabs and sheet bar	United States ...	35	12	75.5	1,352	238	604.9
	United Kingdom ..	70	-	-	842	8	-
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States ...	11	53	-	64	349	-
Tool steel billets	United States ...	-	12	-	3	67	-
	United Kingdom ..	-	61	-	4	95	-
	Austria	-	-	-	-	16	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ...	United States ...	-	-	-	45	-	-
	Australia	1,460	-	-	7,721	-	-
	Belgium	4,366	-	-	41,195	-	-
	France	43	-	-	5,609	-	-
	Germany	2,756	-	-	13,010	-	-
	Japan	1,143	-	-	9,050	-	-
Hot rolled bars n.e.s.	United States ...	244	300	9.6	4,997	2,600	72.4
	United Kingdom ..	116	36	33.3	1,705	178	219.9
	Australia	101	-	-	225	-	-
	Austria	-	1	-	-	30	-
	Belgium	1,283	-	-	9,031	-	-
	France	196	-	-	626	-	-
	Germany	276	-	-	1,941	-	-
	Japan	132	-	-	875	-	2.0
	Sweden	-	75	-	63	115	12.7
Hot rolled bars for agri- cultural implements	United States ...	197	-	-	957	27	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	40	34	.1	341	65	10.9
	United Kingdom ..	72	-	2.4	258	35	12.7
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled	United States ...	1	-	-	80	-	-
	United Kingdom ..	-	-	-	3,038	-	-
	Australia	-	-	-	537	-	-
	Belgium	983	-	-	11,352	-	-
	France	2,746	-	-	12,393	-	-
	Germany	2,345	-	-	3,931	-	-
	Japan	299	-	-	2,022	-	-
	Netherlands	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	45	26	6.0	413	262	73.4
	United Kingdom ..	169	-	2.0	1,673	1	13.8
	Australia	5	-	-	5	-	-
	Belgium	13	-	-	287	-	-
	Japan	11	-	-	161	-	-
Cold rolled bars for agri- cultural implements	United States ...	25	-	-	274	-	-
Bars and rods, tool steel ...	United States ...	37	37	-	1,174	261	-
	United Kingdom ..	2	11	-	34	167	-
	Austria	8	2	-	18	55	-
	Germany	-	4	-	-	4	-
	Netherlands	-	-	-	22	-	-
	Sweden	5	19	-	67	171	-
<u>Plates:</u>							
60" and under in width	United States ...	225	146	28.7	2,124	3,487	360.0
	United Kingdom ..	14	7	32.7	1,663	29	414.2
	Australia	-	-	-	569	-	-
	Belgium	118	-	-	826	-	-
	France	75	-	-	108	-	-
	Germany	340	-	-	3,564	-	-
	Japan	1,421	-	-	3,864	-	40.1
	Sweden	-	2	-	13	15	142.2
Over 60" up to and including 100" in width ...	United States ...	275	570	78.8	3,497	3,420	586.2
	United Kingdom ..	13	-	9.0	703	-	14.1
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	125	-	-	2,531	-	-
	Japan	1,121	-	-	3,952	-	-
	Sweden	-	-	-	-	1	142.4
Over 100" in width	United States ...	123	22	31.8	2,134	132	242.6
	United Kingdom ..	20	-	-	594	-	-
	Japan	-	-	-	102	-	-
Floor plates	United States ...	312	-	-	2,046	-	-
	United Kingdom ..	112	-	-	1,467	-	-
	Germany	-	-	-	35	-	-
	Japan	203	-	-	1,242	-	-
Flanged, dished, drilled or not	United States ...	166	-	-	2,210	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Plate, sheet or strip for saws</u> <u>and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground, for saws	United States ...	144	-	-	1,045	-	-
	United Kingdom ..	23	-	-	79	-	-
	Austria	-	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	4	-	-	10	-	-
	Sweden	39	-	-	104	-	-
Plate, sheet or strip, hardened, tempered or ground, for saws	United States ...	17	-	-	118	-	-
	United Kingdom ..	2	-	-	18	-	-
	Sweden	6	-	-	83	-	-
Carbon steel, hot rolled, for pipes, over 60" in width ..	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	4,207	-	-
Carbon steel, cold rolled, for pipes and tubes	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width	United States ...	245	9	-	3,220	147	-
	United Kingdom ..	47	1	-	444	10	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	302	-	-	2,662	-	-
	France	76	-	-	208	-	-
	Germany	82	-	-	247	-	-
	Japan	69	-	-	167	-	-
Hot rolled 24" to 51" in width	United States ...	436	2	-	4,040	57	-
	United Kingdom ..	15	-	-	29	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	France	6	-	-	6	-	-
	Germany	39	-	-	320	-	-
	Japan	319	-	-	710	-	-
	Un. South Africa	-	-	-	43	-	-
Hot rolled over 51" in width	United States ...	729	-	-	7,468	60	-
	United Kingdom ..	36	-	-	148	-	-
	Japan	11	-	-	364	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip (except stainless) - Concluded:</u>							
Cold rolled under 24" in width	United States ...	385	14	-	3,057	47	-
	United Kingdom ..	44	-	-	289	-	-
	Belgium	9	-	-	68	-	-
	Germany	14	-	-	96	-	-
	Japan	3	-	-	18	-	-
	Netherlands	-	-	-	4	-	-
	Sweden	19	-	-	214	2	-
Cold rolled 24" to 51" in width	United States ...	473	-	-	4,408	7	-
	United Kingdom ..	2	-	-	122	-	-
	Australia	-	-	-	31	-	-
Cold rolled over 51" in width	United States ...	46	-	-	5,548	-	-
Finished for porcelain enamelling	United States ...	563	-	-	3,616	-	-
Tin plate primes	United States ...	27	-	-	260	-	-
	United Kingdom ..	5	-	-	89	-	-
Tin plate, electrolytic	United States ...	66	-	-	390	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate wasters, seconds or rejects	United States ...	43	-	-	506	-	-
Asbestos bonded, galvanized	United States ...	14	-	-	138	-	-
	United Kingdom ..	2	-	-	103	-	-
Electro-galvanized	United States ...	116	-	-	1,232	-	-
	United Kingdom ..	2	-	-	8	-	-
	Japan	2	-	-	2	-	-
Galvanized n.e.s.	United States ...	252	-	-	2,612	-	-
	United Kingdom ..	42	-	-	99	-	-
	Belgium	-	-	-	12	-	-
	Germany	-	-	-	8	-	-
	Japan	207	-	-	803	-	-
Coated with lead or in alloy of lead and tin (terne-plate)	United States ...	286	-	-	5,736	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	88	-	-	3,337	-	-
Metal coated n.e.s.	United States ...	102	-	-	505	-	-
	United Kingdom ..	-	-	-	17	-	-
	Germany	3	-	-	59	-	-
Coated n.e.s.	United States ...	605	-	-	6,153	-	-
	United Kingdom ..	34	-	-	275	-	-
	Germany	4	-	-	26	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled, stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	5.3	-	-	59.0
	United Kingdom ..	-	-	.8	-	-	1.9
18" and under in width lighter than 18 gauge ...	United States ...	-	-	.5	-	-	5.8
over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	5.2	-	-	63.4
	United Kingdom ..	-	-	48.3	-	-	686.7
	Belgium	-	-	-	-	-	1.1
	Germany	-	-	-	-	-	.3
	Japan	-	-	-	-	-	3.2
	Sweden	-	-	17.8	-	-	371.2
over 18" to 60" in width lighter than 18 gauge ...	United States ...	-	-	.8	-	-	5.2
	United Kingdom ..	-	-	.7	-	-	127.7
over 60" in width	United States ...	-	-	.4	-	-	4.0
	Sweden	-	-	5.4	-	-	27.5
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	81.1	-	-	403.1
	United Kingdom ..	-	-	-	-	-	7.9
18" and under in width lighter than 18 gauge ...	United States ...	-	-	137.4	-	-	836.1
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	-	-	-	2.9
over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	251.5	-	-	1,678.7
	United Kingdom ..	-	-	26.1	-	-	271.7
	Japan	-	-	59.8	-	-	269.6
over 18" to 51" in width lighter than 18 gauge ...	United States ...	-	-	317.3	-	-	1,419.9
	United Kingdom ..	-	-	80.0	-	-	621.3
	France	-	-	-	-	-	18.0
	Japan	-	-	49.6	-	-	254.7
over 51" in width	United States ...	-	-	5.0	-	-	57.9
	Japan	-	-	-	-	-	99.7
Electrical silicon 2.90 or more	United States ...	-	1,733	-	-	12,960	-
	United Kingdom ..	-	-	-	-	62	-
Electrical n.e.s.	United States ...	-	71	-	-	723	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Structurals and section:</u>							
Wide flange beams over 24" in depth or web	United States ...	2,381	-	-	21,380	-	-
	United Kingdom ..	164	-	-	2,322	-	-
Bearing piling	United States ...	2,450	-	-	5,172	-	-
	United Kingdom ..	23	-	-	887	-	-
	Belgium	-	-	-	356	-	-
	France	-	-	-	53	-	-
	Germany	671	-	-	773	-	-
Wide flange beams n.e.s.	United States ...	6,187	-	-	38,420	-	-
	United Kingdom ..	2,570	-	-	10,527	-	-
	Belgium	1,329	-	-	2,249	-	-
	Germany	390	-	-	1,925	-	-
Structural shapes, large size n.e.s.	United States ...	1,016	-	-	9,504	-	-
	United Kingdom ..	220	-	-	2,308	-	-
	Belgium	590	-	-	3,879	-	-
	France	164	-	-	1,284	-	-
	Germany	-	-	-	85	-	-
Structural shapes, inter- mediate sizes n.e.s.	United States ...	527	-	-	3,040	-	-
	United Kingdom ..	10	-	-	597	-	-
	Australia	402	-	-	402	-	-
	Belgium	1,549	-	-	7,080	-	-
	France	22	-	-	605	-	-
	Germany	79	-	-	674	-	-
	Italy	-	-	-	6	-	-
	Japan	121	-	-	282	-	-
Structural shapes, bar size n.e.s.	United States ...	207	9	-	2,294	294	-
	United Kingdom ..	93	-	-	563	8	-
	Australia	2,065	-	-	2,065	-	-
	Belgium	1,963	-	-	11,448	-	-
	France	196	-	-	962	-	-
	Germany	822	-	-	4,034	-	-
	Japan	495	-	-	841	-	-
	Sweden	-	22	-	-	39	-
Sheet piling	United States ...	46	-	-	3,562	-	-
	United Kingdom ..	71	-	-	1,585	-	-
	Belgium	96	-	-	3,419	-	-
	France	103	-	-	103	-	-
	Germany	125	-	-	222	-	-
	Japan	220	-	-	329	-	-
Sash, casement or frame sec- tions, not punched, drilled nor further manufactured, for metal window frames ...	United States ...	92	-	-	910	-	-
	United Kingdom ..	67	-	-	296	-	-
	Belgium	110	-	-	244	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u>							
<u>steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles							
	United States ...	1	-	-	23	-	-
	United Kingdom ..	28	-	-	436	-	-
	Austria	-	-	-	5	-	-
Tires of steel in the rough for railway vehicles							
	United States ...	-	-	-	48	-	-
	United Kingdom ..	-	-	-	6	-	-
Steel wheels for use on railway rolling stock							
	United States ...	34	-	-	417	-	-
	United Kingdom ..	167	-	-	749	-	-
Rails 60 lb. and under per lineal yard							
	United States ...	-	-	-	48	-	-
	Germany	128	-	-	782	-	-
Rails over 60 lb. up to and including 100 lb. per lineal yard							
	United States ...	70	-	-	386	-	-
	United Kingdom ..	-	-	-	90	-	-
Rails over 100 lb. per lineal yard							
	United States ...	17	-	-	831	-	-
Fish plates, splice bars, rail joints and tie plates, iron and steel							
	United States ...	27	-	-	691	-	-
	United Kingdom ..	5	-	-	252	-	-
	Germany	6	-	-	217	-	-
Railway track material n.e.s.							
	United States ...	1	-	-	303	-	-
	United Kingdom ..	-	-	-	11	-	-
<u>Pipes and tubes:</u>							
Cast iron							
	United States ...	100	-	-	483	-	-
	United Kingdom ..	288	-	-	3,983	-	-
	Australia	-	-	-	90	-	-
	France	-	-	-	82	-	-
Drill pipe							
	United States ...	1	-	-	907	-	-
Oil country tubing 3 1/2" O.D. and under							
	United States ...	201	-	-	2,220	-	.4
	United Kingdom ..	427	-	-	2,966	-	-
	Austria	-	-	-	133	-	-
	France	-	-	-	178	-	-
	Italy	-	-	-	93	-	-
	Japan	470	-	-	2,517	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pipes and tubes - Continued:</u>							
Casing, J-55 and H-40	United States ...	-	-	-	1,262	-	-
	United Kingdom ..	1,603	-	-	7,005	-	-
	France	-	-	-	32	-	-
	Germany	38	-	-	1,808	-	-
	Japan	1,284	-	-	6,682	-	-
Casing, all other	United States ...	16	-	-	511	-	-
	United Kingdom ..	58	-	-	296	-	-
	Japan	-	-	-	2,124	-	-
Seamless hot finished:							
Up to and including 6 5/8"							
O.D.	United States ...	68	19	1.1	614	69	32.2
	United Kingdom ..	150	-	-	434	19	-
	Germany	-	-	-	670	-	-
	Israel	-	-	-	28	-	-
	Japan	507	-	.3	553	-	.3
	Sweden	-	1	-	-	3	.7
Over 6 5/8" O.D. up to and including 10 1/2" O.D. ..							
United States ...	9	21	-	94	84	1.3	
	United Kingdom ..	9	-	-	68	-	-
	Germany	-	-	-	15	-	-
	Sweden	-	3	-	1	3	-
Over 10 1/2" O.D. up to and including 16" O.D.							
United States ...	439	13	-	1,856	25	2.7	
	United Kingdom ..	-	-	-	27	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	1	-	-	2	-
Over 16" O.D.							
United States ...	154	1	-	1,482	1	-	
	Italy	-	-	-	102	-	-
Mechanical tubing	United States ...	1,592	50	3.7	13,024	886	43.3
	United Kingdom ..	19	75	-	280	529	20.4
	Denmark	-	-	-	5	-	-
	Germany	23	-	-	206	73	-
	Netherlands	-	-	-	3	-	-
	Sweden	-	-	-	621	1	-
For pressure parts of boilers:							
Seamless hot finished	United States ...	235	12	.3	1,349	766	1.3
	United Kingdom ..	92	44	-	1,394	435	-
	France	35	-	-	38	-	-
	Germany	-	-	-	769	-	-
	Italy	-	-	-	7	-	-
Seamless cold drawn	United States ...	3	-	.9	93	11	1.6
	United Kingdom ..	-	-	-	23	43	-
	Germany	-	-	-	7	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pipes and tubes - Concluded:</u>							
For pressure parts of boilers - Concluded:							
Welded	United States ...	14	-	-	142	-	16.4
	United Kingdom ..	286	-	19.1	1,255	-	49.2
	France	48	-	-	104	-	-
	Germany	33	-	-	81	-	-
	Switzerland	230	-	-	767	-	-
Seamless cold drawn n.e.s.	United States ...	71	5	17.9	1,040	34	185.3
	United Kingdom ..	37	107	30.1	167	153	161.7
	France	-	-	30.4	6	-	30.4
	Germany	-	-	-	73	-	.1
	Japan	-	-	.3	36	-	6.3
	Sweden	17	-	1.2	116	-	32.0
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	273	-	23.4	1,566	-	172.2
	United Kingdom ..	884	-	1.4	4,946	-	5.2
	Belgium	1	-	-	182	-	-
	France	1,062	-	-	7,193	-	-
	Germany	201	-	-	2,359	-	-
	Israel	-	-	-	16	-	-
	Japan	179	-	-	1,080	-	.5
	Netherlands	3	-	-	3	-	-
	Norway	7	-	-	361	-	-
	Sweden	6	-	-	14	-	5.7
Over 4 1/2" up to and including 16" O.D. n.e.s.	United States ...	23	-	7.7	466	-	45.2
	United Kingdom ..	-	-	-	16	-	-
	Germany	104	-	-	277	-	-
	Japan	7	-	-	143	-	-
	Sweden	-	-	-	6	-	8.8
Over 16" O.D. n.e.s.	United States ...	13	-	-	300	3	.8
	United Kingdom ..	2	-	-	7	-	-
	Germany	-	-	-	329	-	-
Spiral welded	United States ...	382	-	-	1,081	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	51	81	35.9	417	535	157.7
	United Kingdom ..	80	-	-	604	44	-
	Austria	-	-	-	-	2	.1
	Belgium	-	1	-	1	2	-
	Germany	1	-	-	1	1	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	-	95	-	8.7

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Continued:</u>							
Welding wire in coil form (excluding wire for the manufacture of welding rods)							
	United States ...	25	35	3.6	283	338	30.8
	United Kingdom ..	2	-	-	8	-	-
Wire n.e.s.							
	United States ...	179	2	7.4	1,037	39	54.5
	United Kingdom ..	97	2	2.6	737	3	24.7
	Austria	121	-	-	693	-	-
	Belgium	291	-	-	2,414	-	-
	Czechoslovakia ..	-	-	-	64	-	-
	France	146	-	-	1,060	-	-
	Germany	252	-	-	314	-	.5
	Japan	108	-	-	1,098	-	3.8
	Netherlands	61	-	-	618	-	-
	Norway	-	-	-	1	-	-
	Sweden	5	-	-	91	-	5.5
Galvanized fencing wire							
	United Kingdom ..	22	-	-	833	-	-
	Belgium	81	-	-	406	-	-
	France	-	-	-	27	-	-
	Germany	20	-	-	77	-	-
	Japan	66	-	-	66	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.							
	United States ...	43	-	-	283	-	-
	United Kingdom ..	74	-	-	566	-	-
	Austria	25	-	-	110	-	-
	Belgium	171	-	-	1,013	-	-
	France	43	-	-	305	-	-
	Germany	16	-	-	276	-	-
	Italy	1	-	-	8	-	-
	Japan	119	-	-	728	-	-
	Netherlands	11	-	-	93	-	-
Coated or covered with any material n.e.s.							
	United States ...	16	-	3.3	273	-	43.5
	United Kingdom ..	3	-	-	145	-	-
	Belgium	-	-	-	15	-	-
	Germany	6	-	-	7	-	-
	Italy	3	-	-	3	-	-
	Japan	5	-	-	7	-	-
	Netherlands	-	-	-	2	-	-
Wire rope							
	United States ...	171	-	.1	1,307	-	4.0
	United Kingdom ..	254	-	-	2,004	-	-
	Belgium	19	-	-	292	-	-
	Denmark	2	-	-	47	-	-
	France	79	-	-	555	-	-
	Germany	93	-	-	415	-	-
	Japan	127	-	-	1,461	-	-
	Netherlands	94	-	-	657	-	-
	Norway	1	-	-	88	-	-
	Sweden	-	-	-	2	-	-
	Switzerland	9	-	-	9	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	August 1962			Eight months ended August 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Concluded:</u>							
Wire, steel, spring, for							
mattresses, cushions or							
upholstery							
	United States ...	-	-	-	106	-	-
	Denmark	-	-	-	2	-	-
	Japan	187	-	-	1,042	-	-
Wire, steel, valued at not							
less than 2 3/4 cents per							
pound, for wire rope							
	United States ...	1	-	-	101	-	-
	United Kingdom ..	1,124	-	-	8,894	-	-
	Belgium	79	-	-	114	-	-
	France	-	-	-	10	-	-
	Germany	567	-	-	2,571	-	-
	Japan	382	-	-	1,611	-	-
Totals		78,408	3,870	1,601.8	514,930	30,724	11,598.2

CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

DECEMBER 1962



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

March 1963

6523-502

Price \$3.00 per year
30 cents per copy

Vol. 17—No. 12

TABLE 1. Description of Iron Blast Furnaces(1) at end of December 1962

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	12	3,713,100	73.5
Banked	-	-	-
Blown out	5	1,341,800	26.5
Totals	17	5,054,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	December 1962	Twelve months ended December 1962
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	54,397	916,384
From foreign mines	118,851	1,814,853
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	109,556	1,482,798
From foreign mines	216,825	2,423,285
From own processing	141,898	1,793,954
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,009	192,847
Scrap iron and steel	5,185	83,748
Limestone	50,618	730,804
Dolomite	34,942	466,490
Coke	253,914	3,253,815

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, December

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	332,833	2,460	380,449	2,923
Foundry (including silvery pig)(2)	39,284	29,072	2,693	91,570
Malleable	34,770	25,686	4,833	12,029
Total pig iron	406,887	57,218	387,975	106,522
Ferro-alloys	11,481	8,954	12,125	9,581
Stocks of pig iron on hand at end of month	369,547		212,353	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Twelve Months Ended December

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	4,184,708	126,315	4,558,571	50,788
Foundry (including silvery pig)(2)	368,116	293,209	252,052	352,913
Malleable	372,571	360,556	478,310	407,934
Total pig iron	4,925,395	780,080	5,288,933	811,635
Ferro-alloys	117,936	122,939	138,249	128,689

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January, 1962

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	December		Twelve months ended December	
	1961	1962	1961	1962
	net tons of 2,000 pounds			
Pig iron	315,006	372,487	4,054,899	4,559,486
Scrap - Own make	137,701	160,985	1,819,787	1,976,051
Purchased	90,875	122,135	1,363,750	1,544,430
Total pig iron and scrap	543,582	655,607	7,238,436	8,079,967

TABLE 7. Production and Shipments of Steel Ingots and Castings, December

	1961		1962	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	422,739	29,515	513,251	314
Electric	50,934	6,221	52,306	7,753
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	473,673	35,736	565,557	8,067
Alloy steel ingots included in above	24,121	447	28,579	749
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	384	384	160	160
Electric	8,613	8,982	8,268	8,649
Other	30	14	-	-
Total steel castings	9,027	9,380	8,428	8,809
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	228	207	190	222
High alloy, manganese and abrasion resistant ...	1,419	1,393	1,839	1,675
All other alloys	340	334	503	429
Total alloy castings	1,987	1,934	2,532	2,326

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Twelve Months Ended December

	1961		1962	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	5,712,847	156,283	6,397,106	156,539
Electric	643,310	129,098	653,736	91,165
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	6,356,157	285,381	7,050,842	247,704
Alloy steel ingots included in above	247,966	6,199	317,150	10,199
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	3,021	3,021	3,913	3,913
Electric	106,787	105,101	118,720	117,502
Other	359	339	-	-
Total steel castings	110,167	108,461	122,633	121,415
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	2,564	2,317	3,193	2,898
High alloy, manganese and abrasion resistant ...	16,638	16,304	21,465	21,140
All other alloys	4,767	4,452	5,409	5,308
Total alloy castings	23,969	23,073	30,067	29,346

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	December 1962		Twelve months ended December 1962	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	23	-	287
All other	80	51	1,068	3,363
Automotive industries	178	21	2,620	272
Agricultural, including implement and equipment manufacturers	112	22	1,448	293
Machinery and tools	1,422	404	17,014	5,072
Mining, lumbering and quarrying industries	484	1,054	8,764	10,911
Oil and gas, including refineries	111	13	1,175	420
National defence	-	-	172	104
Public works and public utilities	69	25	329	316
Railway operating	3,579	184	44,397	2,225
Railway cars and locomotives	274	75	12,519	1,048
Shipbuilding	64	23	879	141
Miscellaneous and unclassified	110	431	1,756	4,894
Total shipments	6,483	2,326	92,141	29,346

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig Iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1961</u>					
January	331,028	8,631	450,591	6,797	457,388
February	323,324	7,786	464,523	7,886	472,409
March	388,851	10,083	555,299	9,899	565,198
April	412,022	8,638	545,408	8,760	554,168
May	419,746	9,605	552,806	9,261	562,067
June	418,320	8,120	554,756	10,488	565,244
July	441,328	9,111	531,868	7,469	539,337
August	437,808	9,367	573,062	9,899	582,961
September	441,168	10,752	552,564	9,742	562,306
October	458,738	13,315	577,998	10,223	588,221
November	446,175	11,047	523,609	10,716	534,325
December	406,887	11,481	473,673	9,027	482,700
Totals	4,925,395	117,936	6,356,157	110,167	6,466,324
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, December

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	10,958	10,245	11,262	8,430
Over 4 1/2" outside diameter (including all sizes of casing)	10,370	15,240	6,370	9,106
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,147	4,828	5,252	5,727
Totals	26,475	30,313	22,884	23,263
<u>Steel pipe fittings:</u>				
Buttwelding fittings	53	41	68	111
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	521	435	687	420
Totals	574	476	755	531

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Twelve Months Ended December

	1961		1962	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	183,641	178,716	202,864	190,624
Over 4 1/2 " outside diameter (including all sizes of casing)	378,862	411,745	196,315	191,927
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	76,287	72,030	77,987	76,922
Totals	638,790	662,491	477,166	459,473
<u>Steel pipe fittings:</u>				
Buttwelding fittings	820	1,012	1,266	1,504
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	5,371	5,761	6,097	6,270
Totals	6,191	6,773	7,363	7,774

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, December 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	22,667	23,793	12,546	11,247
For forging and piercing	4,438	6,036	-	6,036
Rails	22,692	15,847	-	15,847
Wire rods	27,027	28,392	-	28,392
Structural shapes:				
Heavy, including piling	23,563	25,247	-	25,247
Light	5,377	4,567	-	4,567
Concrete reinforcing bars	27,145	21,435	-	21,435
Other hot rolled bars	34,003	32,706	4,358	28,348
Tie plates and track material:				
Angle bars	-	18	-	18
Tie plates	-	-	-	-
Track spikes	158	124	-	124
Plates (including plates for pipes and tubes)	45,842	45,245	-	45,245
Hot rolled sheets and strip	219,675	219,315	157,943	61,372
Total hot rolled products ..	432,587	422,725	174,847	247,878
<u>Cold rolled and coated:</u>				
Cold finished bars	3,223	3,222	-	3,222
Cold reduced strip	5,208	4,832	-	4,832
Cold reduced sheets, tin mill black plate and tin plate	130,021	107,681	44,371	63,310
Galvanized sheets	22,667	16,713	-	16,713
Total cold rolled and coated .	161,119	132,448	44,371	88,077
Total carbon steel	593,706	555,173	219,218	335,955
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	3,497	3,497	-	3,497
Alloy plates	159	29	-	29
Other hot rolled bars, including high-speed steel and other alloy tool steel	9,865	10,228	124	10,104
Structurals	-	-	-	-
Cold finished bars	541	450	-	450
Wire rods	166	52	-	52
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,272	2,333	-	2,333
Total alloy steel	16,500	16,589	124	16,465

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Twelve Months Ended December 1962

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	218,307	226,809	113,978	112,831
For forging and piercing	176,031	176,815	-	176,815
Rails	232,902	230,875	-	230,875
Wire rods	350,583	350,265	-	350,265
Structural shapes:				
Heavy, including piling	369,525	358,435	-	358,435
Light	78,045	81,891	-	81,891
Concrete reinforcing bars	410,910	393,811	-	393,811
Other hot rolled bars	404,333	403,664	39,405	364,259
Tie plates and track material:				
Angle bars	13,280	12,678	-	12,678
Tie plates	51,434	55,965	-	55,965
Track spikes	7,433	7,802	-	7,802
Plates (including plates for pipes and tubes)	600,055	607,123	-	607,123
Hot rolled sheets and strip	2,617,539	2,568,149	1,776,774	791,375
Total hot rolled products ..	5,530,377	5,474,282	1,930,157	3,544,125
<u>Cold rolled and coated:</u>				
Cold finished bars	40,672	41,477	-	41,477
Cold reduced strip	57,070	52,460	-	52,460
Cold reduced sheets, tin mill black plate and tin plate	1,785,477	1,770,651	814,043	956,608
Galvanized sheets	374,282	364,679	-	364,679
Total cold rolled and coated .	2,257,501	2,229,267	814,043	1,415,224
Total carbon steel	7,787,878	7,703,549	2,744,200	4,959,349
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	1,158	1,158	1,158	-
For forging and piercing	22,250	22,951	-	22,951
Alloy plates	1,294	1,382	-	1,382
Other hot rolled bars, including high-speed steel and other alloy tool steel	108,643	101,844	1,071	100,773
Structurals	-	-	-	-
Cold finished bars	6,104	6,184	-	6,184
Wire rods	2,095	2,048	-	2,048
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	29,451	29,654	-	29,654
Total alloy steel	170,995	165,221	2,229	162,992

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		December 1962		Twelve months ended December 1962	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	53,974	472	713,888	7,507
5	Direct export:				
	(a) British Commonwealth	11,380	537	127,798	4,998
	(b) All other	26,274	1,612	456,392	19,600
6	Automotive industries	31,799	6,543	255,749	57,744
7	Agricultural, including implement and equipment manufacturers	12,636	117	126,211	3,340
8	Building construction	62,137	94	991,678	2,084
9	Container industry	12,639	68	376,965	992
10	Machinery and tools	19,552	2,319	236,921	28,575
11	Merchant trade products	32,445	852	395,563	10,459
12	Mining, lumbering, etc.	4,368	1,103	61,496	16,058
13	National defence	20	25	1,872	300
14	Pressing, forming and stamping	20,382	606	267,184	4,759
15	Public works and utilities	584	-	35,562	-
16	Railway operating	15,453	28	225,460	234
17	Railway cars and locomotives	769	-	59,532	469
18	Shipbuilding	3,686	11	78,960	215
19	Pipes and tubes	26,466	2,078	533,315	5,658
20	Miscellaneous and unclassified	1,391	-	14,803	-
	Net shipments	335,955	16,465	4,959,349	162,992

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December 1962

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	48	334	7,073	1,472	5,458	6,622
5.	Direct export:							
	(a) British Commonwealth	11,247	-	48	-	-	43	209
	(b) All other	561	806	451	373	81	2,245	1,464
6	Automotive industries .	3,397	-	62	201	-	-	10,676
7	Agricultural, etc.	-	-	-	682	441	-	3,658
8	Building construction .	-	187	909	14,640	1,459	12,922	2,103
9	Container industry	-	-	12	-	-	-	88
10	Machinery and tools ...	1,295	30	410	638	199	143	3,912
11	Merchant trade	530	-	25,955	15	24	-	5,465
12	Mining, lumbering, etc.	101	258	62	955	9	35	3,148
13	National defence	-	-	-	-	-	11	18
14	Pressing, forming and stamping	401	-	10	101	807	-	377
15	Public works and utilities	-	2	1	-	-	539	5
16	Railway operating	-	14,492	5	60	41	-	360
17	Railway cars and locomotives	300	-	1	106	8	-	80
18	Shipbuilding	-	24	-	403	26	-	196
19	Pipes and tubes	2,948	-	-	-	-	-	21
20	Miscellaneous and unclassified	-	-	184	-	-	39	50
	Net shipments	20,780	15,847	28,444	25,247	4,567	21,435	38,452

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
31	8,347	8,998	807	115	11,184	3,957	54,446	4
								5
-	-	366	4	-	-	-	11,917	(a)
11	1,438	7,915	1	-	10,537	2,003	27,886	(b)
-	166	13,336	1,065	1,535	7,087	817	38,342	6
-	1,225	4,464	816	16	1,253	198	12,753	7
7	14,629	3,572	15	74	3,527	8,187	62,231	8
-	-	513	1	37	11,981	75	12,707	9
-	6,677	4,514	418	383	3,118	134	21,871	10
7	62	174	332	36	568	129	33,297	11
6	592	231	43	-	-	31	5,471	12
-	-	2	14	-	-	-	45	13
-	166	5,889	149	1,526	10,554	1,008	20,988	14
3	-	-	-	-	34	-	584	15
77	189	186	3	-	26	42	15,481	16
-	214	11	-	-	49	-	769	17
-	2,888	54	3	-	46	57	3,697	18
-	8,681	13,480	1	50	3,288	75	28,544	19
-	-	-	-	1,060	58	-	1,391	20
142	45,274	63,705	3,672	4,832	63,310	16,713	352,420	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended
December 1962

December 1962								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	1,077	1,397	7,364	90,011	25,930	111,935	91,541
5	Direct export:							
	(a) British Commonwealth	93,700	-	319	-	-	8,216	2,686
	(b) All other	25,468	68,152	3,108	4,844	387	7,357	18,653
6	Automotive industries .	24,303	-	490	1,332	589	82	85,571
7	Agricultural, etc.	7	-	188	7,535	7,937	2	47,028
8	Building construction .	304	1,701	16,176	210,274	29,641	234,980	29,591
9	Container industry	79	-	155	-	-	2	511
10	Machinery and tools ...	14,808	619	4,587	9,755	3,986	3,270	49,083
11	Merchant trade	4,150	-	318,087	774	1,010	14	62,922
12	Mining, lumbering, etc.	2,081	5,787	965	5,299	696	600	48,475
13	National defence	-	3	-	-	-	1,084	226
14	Pressing, forming and stamping	1,139	-	123	1,805	8,838	19	8,760
15	Public works and utilities	8	40	62	4,604	128	25,010	720
16	Railway operating	36	152,977	131	2,308	529	43	6,891
17	Railway cars and locomotives	10,527	123	12	10,931	830	-	8,247
18	Shipbuilding	31	76	1	8,941	1,291	-	2,730
19	Pipes and tubes	134,879	-	-	20	-	-	399
20	Miscellaneous and unclassified	-	-	545	2	99	1,197	998
	Net shipments	312,597	230,875	352,313	358,435	81,891	393,811	465,032

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December 1962

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
642	99,639	99,853	12,279	1,729	109,578	68,420	721,395	4
								5
-	-	23,241	87	-	1,359	3,188	132,796	(a)
22,567	22,512	127,438	40	773	125,419	49,274	475,992	(b)
-	2,701	99,650	12,120	11,447	66,897	8,311	313,493	6
-	8,943	34,675	7,536	146	12,940	2,614	129,551	7
604	162,066	57,192	346	2,275	56,100	192,512	993,762	8
-	5	3,712	14	375	371,294	1,810	377,957	9
39	82,950	53,340	6,132	3,868	28,609	4,450	265,496	10
44	206	5,524	5,009	205	7,238	839	406,022	11
729	6,890	2,804	723	-	2,152	353	77,554	12
-	184	64	145	438	28	-	2,172	13
1	6,521	72,159	2,934	19,487	122,846	27,311	271,943	14
18	3,772	41	8	272	879	-	35,562	15
51,717	6,732	2,707	38	-	136	1,449	225,694	16
61	16,665	10,302	75	-	779	1,449	60,001	17
4	63,743	1,840	30	-	149	339	79,175	18
-	124,928	226,126	6	1,564	48,981	2,070	538,973	19
19	48	361	139	9,881	1,224	290	14,803	20
76,445	608,505	821,029	47,661	52,460	956,608	364,679	5,122,341	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	November 1962	Eleven months ended November 1962
	net tons of 2,000 pounds	
Pig iron	50,391	438,955
Sponge iron	335	4,155
Steel ingots	3,031	162,553
Blooms, billets, slab steel	27,210	97,310
Iron castings, n.e.s.	873	7,042
Steel castings	270	3,741
Forgings, n.e.s.	1,595	15,911
Bars steel, hot rolled	2,029	23,910
Wire rods steel, hot rolled	231	2,434
Bars steel, cold rolled	196	1,527
Plate steel	2,268	24,368
Sheet and strip, carbon steel, hot rolled	15,376	117,500
Sheet and strip, carbon steel, cold rolled	2,739	25,201
Sheet, strip, galvanized	3,415	48,267
Sheet and strip, n.e.s.	13,290	101,000
Structural shapes	3,573	16,126
Rails	5,226	83,503
Cast iron pipe	19	140
Pipes and tubes, iron and steel, n.e.s.	2,941	45,068
Totals	135,008	1,218,711

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	September 1962			Nine months ended September 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	19,060	2,580	830.5	213,969	30,947	8,271.5
United Kingdom	4,643	284	145.0	78,234	2,103	2,798.1
Australia	3,522	-	-	19,573	-	-
Austria	40	21	-	1,000	127	.1
Belgium	8,689	-	-	107,495	2	1.1
Czechoslovakia	110	-	-	174	-	-
Denmark	-	-	-	54	-	-
Finland	6,994	-	-	9,926	-	-
France	2,638	-	-	34,191	-	58.7
Germany	4,282	9	-	49,246	87	2.7
Israel	-	-	-	44	-	-
Italy	-	-	-	219	-	-
Japan	3,046	35	73.0	49,600	35	759.1
Netherlands	109	-	-	1,579	-	-
Norway	52	-	-	502	-	-
Sweden	91	53	30.6	1,581	405	786.0
Switzerland	46	-	-	822	-	-
Union of South Africa	-	-	-	43	-	-
Totals	53,322	2,982	1,079.1	568,252	33,706	12,677.3

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Other	United States ...	-	-	-	17	-	-
	Finland	6,994	-	-	9,926	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	13	1	12.5	405	374	146.8
Billets, blooms, slabs and sheet bar	United States ...	-	17	25.9	1,352	255	630.8
	United Kingdom ..	1	8	-	843	16	-
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States ...	-	34	-	64	383	-
Tool steel billets	United States ...	-	6	-	3	73	-
	United Kingdom ..	-	11	-	4	106	-
	Austria	-	-	-	-	16	-
<u>Bars and rods:</u>							
Concrete re-inforcing bars .	United States ...	-	-	-	45	-	-
	Australia	2,107	-	-	9,828	-	-
	Belgium	3,410	-	-	44,605	-	-
	France	424	-	-	6,033	-	-
	Germany	1,002	-	-	14,012	-	-
	Japan	501	-	-	9,551	-	-
Hot rolled bars n.e.s.	United States ...	1,223	362	13.5	6,220	2,962	85.9
	United Kingdom ..	22	12	22.6	1,727	190	242.5
	Australia	-	-	-	225	-	-
	Austria	-	13	-	-	43	-
	Belgium	633	-	-	9,664	-	-
	France	162	-	-	788	-	-
	Germany	331	-	-	2,272	-	-
	Japan	21	-	-	896	-	2.0
	Sweden	-	40	1.1	63	155	13.8
Hot rolled bars for agricul- tural implements	United States ...	41	-	-	998	27	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	29	1	.1	370	66	11.0
	United Kingdom ..	47	2	1.4	305	37	14.1
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled	United States ...	42	-	-	122	-	-
	United Kingdom ..	76	-	-	3,114	-	-
	Australia	-	-	-	537	-	-
	Belgium	633	-	-	11,985	-	-
	France	156	-	-	12,549	-	-
	Germany	332	-	-	4,263	-	-
	Japan	21	-	-	2,043	-	-
	Netherlands	-	-	-	58	-	-
	Sweden	2	-	-	2	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	52	32	11.4	465	294	84.8
	United Kingdom ..	142	1	-	1,815	2	13.8
	Australia	-	-	-	5	-	-
	Belgium	7	-	-	294	-	-
	Japan	26	-	-	187	-	-
Cold rolled bars for agri- cultural implements	United States ...	5	-	-	279	-	-
Bars and rods, tool steel ..	United States ...	92	38	-	1,266	299	-
	United Kingdom ..	7	14	-	41	181	-
	Austria	8	8	-	26	63	-
	Germany	-	2	-	-	6	-
	Netherlands	-	-	-	22	-	-
	Sweden	2	7	-	69	178	-
<u>Plates:</u>							
Plate 60" and under in width	United States ...	271	181	43.6	2,395	3,668	403.6
	United Kingdom ..	7	1	11.8	1,670	30	426.0
	Australia	-	-	-	569	-	-
	Belgium	86	-	-	912	-	-
	France	-	-	-	108	-	-
	Germany	139	-	-	3,703	-	-
	Japan	412	-	-	4,276	-	40.1
	Sweden	2	3	.8	15	18	141.0
Plate over 60" up to and in- cluding 100" in width	United States ...	198	358	56.3	3,695	3,778	642.5
	United Kingdom ..	-	-	-	703	-	14.1
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	159	-	-	2,690	-	-
	Japan	285	-	-	4,237	-	-
	Sweden	-	-	3.0	-	1	145.4
	Plate over 100" in width ...	United States ...	62	-	76.8	2,196	132
United Kingdom ..		-	-	-	594	-	-
Japan		-	-	-	102	-	-
Floor plate	United States ...	112	-	-	2,158	-	-
	United Kingdom ..	8	-	-	1,475	-	-
	Germany	-	-	-	35	-	-
	Japan	15	-	-	1,257	-	-
Flanged, dished, drilled or not	United States ...	195	-	-	2,405	-	-
<u>Plate, sheet or strip for saws and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground for saws	United States ...	70	-	-	1,115	-	-
	United Kingdom ..	9	-	-	88	-	-
	Austria	-	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	-	-	-	10	-	-
	Sweden	1	-	-	105	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip for saws</u>							
<u>and for pipes and tubes -</u>							
<u>Concluded:</u>							
Plate, sheet or strip,							
hardened tempered or							
ground, for saws							
	United States ...	18	-	-	136	-	-
	United Kingdom ..	4	-	-	22	-	-
	Sweden	2	-	-	85	-	-
Carbon steel, hot rolled for							
pipes over 60" in width ..							
	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled, for							
pipes and tubes, 15 3/8" or							
less in width							
	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	4,207	-	-
Carbon steel, cold rolled							
for pipes and tubes							
	United States ...	-	-	-	17	-	-
<u>Sheets and strip (except</u>							
<u>stainless):</u>							
Hot rolled under 24" in							
width							
	United States ...	464	9	-	3,684	156	-
	United Kingdom ..	60	6	-	504	16	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	130	-	-	2,792	-	-
	France	-	-	-	208	-	-
	Germany	34	-	-	281	-	-
	Japan	-	-	-	167	-	-
Hot rolled 24" to 51" in							
width							
	United States ...	333	-	-	4,373	57	-
	United Kingdom ..	12	-	-	41	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	France	-	-	-	6	-	-
	Germany	15	-	-	335	-	-
	Japan	54	-	-	764	-	-
	Un. of South Af.	-	-	-	43	-	-
Hot rolled over 51" in width							
	United States ...	594	-	-	8,062	60	-
	United Kingdom ..	-	-	-	148	-	-
	Japan	28	-	-	392	-	-
Cold rolled under 24" in							
width							
	United States ...	393	1	-	3,450	48	-
	United Kingdom ..	23	-	-	312	-	-
	Belgium	5	-	-	73	-	-
	Germany	1	-	-	97	-	-
	Japan	-	-	-	18	-	-
	Netherlands	-	-	-	4	-	-
	Sweden	-	1	-	214	3	-
Cold rolled 24" to 51" in							
width							
	United States ...	398	-	-	4,806	7	-
	United Kingdom ..	50	-	-	172	-	-
	Australia	-	-	-	31	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip (except stainless) - Concluded:</u>							
Cold rolled over 51" in width	United States ...	272	2	-	5,820	2	-
Finished for porcelain enamelling	United States ...	32	-	-	3,648	-	-
Tin plate primes	United States ...	15	-	-	275	-	-
	United Kingdom ..	29	-	-	118	-	-
Tin plate electrolytic	United States ...	30	-	-	420	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate, wasters, seconds or rejects	United States ...	126	-	-	632	-	-
Asbestos bonded, galvanized	United States ...	30	-	-	168	-	-
	United Kingdom ..	21	-	-	124	-	-
Electro-galvanized	United States ...	98	-	-	1,330	-	-
	United Kingdom ..	-	-	-	8	-	-
	Japan	-	-	-	2	-	-
Galvanized n.e.s.	United States ...	155	-	-	2,767	-	-
	United Kingdom ..	6	-	-	105	-	-
	Belgium	-	-	-	12	-	-
	Germany	-	-	-	8	-	-
	Japan	-	-	-	803	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States ...	754	-	-	6,490	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	348	-	-	3,685	-	-
Metal coated n.e.s.	United States ...	62	-	-	567	-	-
	United Kingdom ..	3	-	-	20	-	-
	Germany	3	-	-	62	-	-
Coated n.e.s.	United States ...	751	-	-	6,904	-	-
	United Kingdom ..	2	-	-	277	-	-
	Germany	-	-	-	26	-	-
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled stainless:							
18" and under in width							
18 gauge and heavier ...	United States ..	-	-	.1	-	-	59.1
	United Kingdom	-	-	.4	-	-	2.3
18" and under in width							
lighter than 18 gauge ..	United States ...	-	-	.3	-	-	6.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless</u> <u>and silicon - Concluded:</u>							
Hot rolled stainless Concluded:							
Over 18" to 60" in width							
18 gauge and heavier ...	United States ...	-	-	10.0	-	-	73.4
	United Kingdom ..	-	-	54.3	-	-	741.0
	Belgium	-	-	-	-	-	1.1
	Germany	-	-	-	-	-	.3
	Japan	-	-	-	-	-	3.2
	Sweden	-	-	15.8	-	-	387.0
Over 18" to 60" in width							
lighter than 18 gauge ..	United States ...	-	-	2.1	-	-	7.3
	United Kingdom ..	-	-	4.9	-	-	132.6
Over 60" in width							
	United States ...	-	-	.6	-	-	4.6
	Sweden	-	-	-	-	-	27.5
Cold rolled stainless:							
18" and under in width							
18 gauge and heavier ...	United States ...	-	-	47.6	-	-	450.7
	United Kingdom ..	-	-	-	-	-	7.9
18" and under in width							
lighter than 18 gauge ..	United States ...	-	-	90.8	-	-	926.9
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	1.5	-	-	4.4
Over 18" to 51" in width							
18 gauge and heavier ...	United States ...	-	-	130.1	-	-	1,808.8
	United Kingdom ..	-	-	18.6	-	-	290.3
	Japan	-	-	27.2	-	-	296.8
Over 18" to 51" in width							
lighter than 18 gauge ..	United States ...	-	-	179.5	-	-	1,599.4
	United Kingdom ..	-	-	11.5	-	-	632.8
	France	-	-	-	-	-	18.0
	Japan	-	-	39.4	-	-	294.1
Over 51" in width							
	United States ...	-	-	2.3	-	-	60.2
	Japan	-	-	-	-	-	99.7
Electrical silicon 2.90 or more							
	United States ...	-	1,285	-	-	14,245	-
	United Kingdom ..	-	17	-	-	79	-
Electrical n.e.s.							
	United States ...	-	24	-	-	747	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	2,460	-	-	23,840	-	-
	United Kingdom ..	32	-	-	2,354	-	-
Bearing piling	United States ...	80	-	-	5,252	-	-
	United Kingdom ..	-	-	-	887	-	-
	Belgium	-	-	-	356	-	-
	France	-	-	-	53	-	-
	Germany	339	-	-	1,112	-	-
Wide flange beams n.e.s. ...	United States ...	5,102	-	-	43,522	-	-
	United Kingdom ..	128	-	-	10,655	-	-
	Belgium	56	-	-	2,305	-	-
	Germany	86	-	-	2,011	-	-
Structural shapes large size n.e.s.	United States ...	599	-	-	10,103	-	-
	United Kingdom ..	51	-	-	2,359	-	-
	Belgium	712	-	-	4,591	-	-
	France	82	-	-	1,366	-	-
	Germany	110	-	-	195	-	-
Structural shapes inter- mediate sizes n.e.s.	United States ...	202	-	-	3,242	-	-
	United Kingdom ..	80	-	-	677	-	-
	Australia	311	-	-	713	-	-
	Belgium	577	-	-	7,657	-	-
	France	448	-	-	1,053	-	-
	Germany	123	-	-	797	-	-
	Italy	-	-	-	6	-	-
	Japan	213	-	-	495	-	-
Structural shapes, bar size n.e.s.	United States ...	371	16	-	2,665	310	-
	United Kingdom ..	114	-	-	677	8	-
	Australia	1,104	-	-	3,169	-	-
	Belgium	1,648	-	-	13,096	-	-
	France	14	-	-	976	-	-
	Germany	499	-	-	4,533	-	-
	Japan	35	-	-	876	-	-
	Sweden	-	2	-	-	41	-
Sheet piling	United States ...	353	-	-	3,915	-	-
	United Kingdom ..	-	-	-	1,585	-	-
	Belgium	206	-	-	3,625	-	-
	France	-	-	-	103	-	-
	Germany	574	-	-	796	-	-
	Japan	-	-	-	329	-	-
Sash, casement or frame sections, not punched drilled nor further manu- factured, for metal window frames	United States ...	74	-	-	984	-	-
	United Kingdom ..	28	-	-	324	-	-
	Belgium	54	-	-	298	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material, steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles							
	United States ...	2	-	-	25	-	-
	United Kingdom ..	-	-	-	436	-	-
	Austria	-	-	-	5	-	-
Tires of steel in the rough for railway vehicles							
	United States ...	2	-	-	50	-	-
	United Kingdom ..	1	-	-	7	-	-
Steel wheels for railway rolling stock							
	United States ...	2	-	-	419	-	-
	United Kingdom ..	34	-	-	783	-	-
Rails 60 lb. and under per linear yard							
	United States ...	-	-	-	48	-	-
	Germany	54	-	-	836	-	-
Rails over 60 lb. up to and including 100 lb. per linear yard							
	United States ...	7	-	-	393	-	-
	United Kingdom ..	-	-	-	90	-	-
Rails over 100 lb. per linear yard							
	United States ...	12	-	-	843	-	-
	United Kingdom ..	642	-	-	642	-	-
Fish plates, splice bars, rail joints and tie plates, iron and steel ...							
	United States ...	51	-	-	742	-	-
	United Kingdom ..	1	-	-	253	-	-
	Belgium	12	-	-	12	-	-
	Germany	4	-	-	221	-	-
Railway track material n.e.s.							
	United States ...	2	-	-	305	-	-
	United Kingdom ..	-	-	-	11	-	-
<u>Pipes and tubes:</u>							
Cast iron							
	United States ...	15	-	-	498	-	-
	United Kingdom ..	629	-	-	4,612	-	-
	Australia	-	-	-	90	-	-
	France	-	-	-	82	-	-
Drill pipe							
	United States ...	40	-	-	947	-	-
Oil country tubing 3 1/2" O.D. and under							
	United States ...	217	-	-	2,437	-	.4
	United Kingdom ..	198	-	-	3,164	-	-
	Austria	-	-	-	133	-	-
	France	-	-	-	178	-	-
	Italy	-	-	-	93	-	-
	Japan	-	-	-	2,517	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
Casing, J-55 and H-40	United States ...	24	-	-	1,286	-	-
	United Kingdom ..	222	-	-	7,227	-	-
	France	-	-	-	32	-	-
	Germany	-	-	-	1,808	-	-
	Japan	661	-	-	7,343	-	-
Casing, all other	United States ...	-	-	-	511	-	-
	United Kingdom ..	-	-	-	296	-	-
	Japan	-	-	-	2,124	-	-
Seamless hot finished:							
Up to and including 6 5/8" O.D.	United States ...	9	3	6.1	623	72	38.3
	United Kingdom ..	4	57	-	438	76	-
	Belgium	8	-	-	8	-	-
	Germany	-	-	-	670	-	-
	Israel	-	-	-	28	-	-
	Japan	-	-	-	853	-	.3
	Sweden	3	-	-	3	3	.7
Over 6 5/8" up to and in- cluding 10 1/2" O.D. ...	United States ...	4	2	.4	98	86	1.7
	United Kingdom ..	-	-	-	68	-	-
	Germany	-	-	-	15	-	-
	Sweden	-	-	-	1	3	-
Over 10 1/2" up to and in- cluding 16" O.D.	United States ...	181	1	.3	2,037	26	3.0
	United Kingdom ..	2	-	-	29	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	-	-	-	2	-
Over 16" O.D.	United States ...	105	-	-	1,587	1	-
	Italy	-	-	-	102	-	-
Mechanical tubing	United States ...	1,165	26	1.3	14,189	912	44.6
	United Kingdom ..	11	16	-	291	545	20.4
	Denmark	-	-	-	5	-	-
	Germany	20	6	-	226	79	-
	Netherlands	-	-	-	3	-	-
	Sweden	48	-	-	669	1	-
For pressure parts of boilers:							
Seamless hot finished	United States ...	41	41	.4	1,390	807	1.7
	United Kingdom ..	74	93	-	1,468	528	-
	France	-	-	-	38	-	-
	Germany	61	-	-	830	-	-
	Italy	-	-	-	7	-	-
	Japan	6	-	4.5	6	-	4.5
Seamless cold drawn	United States ...	1	6	-	94	17	1.6
	United Kingdom ..	4	-	-	27	43	-
	Germany	-	-	-	7	-	-
	Japan	-	35	-	-	35	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
For pressure parts of boilers - Concluded:							
Welded	United States ...	121	-	7.3	263	-	23.7
	United Kingdom ..	77	-	-	1,332	-	49.2
	France	-	-	-	104	-	-
	Germany	10	-	-	91	-	-
	Japan	290	-	-	290	-	-
	Switzerland	32	-	-	799	-	-
Seamless cold drawn n.e.s.	United States ...	79	2	11.9	1,119	36	197.2
	United Kingdom ..	1	45	17.2	168	198	178.9
	France	-	-	-	6	-	30.4
	Germany	33	-	-	106	-	.1
	Japan	-	-	-	36	-	6.3
	Sweden	23	-	7.3	139	-	39.3
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	172	-	22.6	1,738	-	194.8
	United Kingdom ..	190	-	-	5,136	-	5.2
	Belgium	18	-	-	200	-	-
	France	1,258	-	-	8,451	-	-
	Germany	-	-	-	2,359	-	-
	Israel	-	-	-	16	-	-
	Japan	96	-	.4	1,176	-	.9
	Netherlands	3	-	-	6	-	-
	Norway	25	-	-	386	-	-
	Sweden	-	-	-	14	-	5.7
Over 4 1/2" up to and in- cluding 16" O.D. n.e.s.	United States ...	23	-	9.5	489	-	54.7
	United Kingdom ..	-	-	-	16	-	-
	Germany	-	-	-	277	-	-
	Japan	15	-	-	158	-	-
	Sweden	-	-	-	6	-	8.8
	Switzerland	14	-	-	14	-	-
Over 16" O.D. n.e.s.	United States ...	-	-	4.6	300	3	5.4
	United Kingdom ..	-	-	-	7	-	-
	Germany	-	-	-	329	-	-
Spiral welded	United States ...	44	-	-	1,125	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	30	81	38.2	447	616	225.9
	United Kingdom ..	129	-	-	733	44	-
	Austria	-	-	-	-	2	.1
	Belgium	2	-	-	3	2	-
	Germany	-	1	-	1	2	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	-	95	-	8.7

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Continued:</u>							
Welding wire in coil form (excluding wire for the manufacture of welding rods)							
	United States ...	21	50	6.9	304	388	37.7
	United Kingdom ..	-	-	-	8	-	-
Wire n.e.s.							
	United States ...	78	1	16.2	1,115	40	70.7
	United Kingdom ..	85	1	2.3	822	4	27.0
	Austria	32	-	-	725	-	-
	Belgium	313	-	-	2,727	-	-
	Czechoslovakia ..	110	-	-	174	-	-
	France	93	-	-	1,153	-	-
	Germany	1	-	-	315	-	.5
	Japan	11	-	-	1,109	-	3.8
	Netherlands	3	-	-	621	-	-
	Norway	-	-	-	1	-	-
	Sweden	8	-	2.6	99	-	8.1
Galvanized fencing wire							
	United Kingdom ..	30	-	-	863	-	-
	Belgium	20	-	-	426	-	-
	France	-	-	-	27	-	-
	Germany	150	-	-	227	-	-
	Japan	-	-	-	66	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.							
	United States ...	10	-	-	293	-	-
	United Kingdom ..	35	-	-	601	-	-
	Austria	-	-	-	110	-	-
	Belgium	155	-	-	1,168	-	-
	France	-	-	-	305	-	-
	Germany	39	-	-	315	-	-
	Italy	-	-	-	8	-	-
	Japan	40	-	-	768	-	-
	Netherlands	11	-	-	104	-	-
Coated or covered with any material n.e.s.							
	United States ...	26	-	1.1	299	-	44.6
	United Kingdom ..	6	-	-	151	-	-
	Belgium	3	-	-	18	-	-
	Germany	-	-	-	7	-	-
	Italy	-	-	-	3	-	-
	Japan	3	-	-	10	-	-
	Netherlands	-	-	-	2	-	-
Wire rope							
	United States ...	49	-	.2	1,356	-	4.2
	United Kingdom ..	267	-	-	2,271	-	-
	Belgium	1	-	-	293	-	-
	Denmark	-	-	-	47	-	-
	France	1	-	-	556	-	-
	Germany	30	-	-	445	-	-
	Japan	6	-	-	1,467	-	-
	Netherlands	92	-	-	749	-	-
	Norway	27	-	-	115	-	-
	Sweden	-	-	-	2	-	-
	Switzerland	-	-	-	9	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	September 1962			Nine months ended September 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Concluded:</u>							
Wire steel, spring, for mattresses, cushions or upholstery							
	United States ...	4	-	-	110	-	-
	Denmark	-	-	-	2	-	-
	Japan	127	-	-	1,169	-	-
Wire, steel, valued at not less than 2 3/4 cents per pound for wire rope							
	United States ...	4	-	-	105	-	-
	United Kingdom ..	1,039	-	-	9,933	-	-
	Belgium	-	-	-	114	-	-
	France	-	-	-	10	-	-
	Germany	133	-	-	2,704	-	-
	Japan	180	-	-	1,791	-	-
Totals		53,322	2,982	1,079.1	568,252	33,706	12,677.3

CATALOGUE No.

41-001

MONTHLY

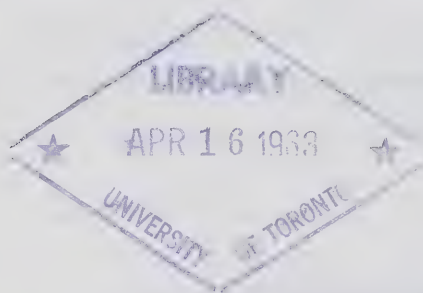


CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

JANUARY 1963



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

April 1963

6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 1

TABLE 1. Description of Iron Blast Furnaces(1) at End of January 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	13	4,063,100	77.9
Banked	-	-	-
Blown out	4	1,151,800	22.1
Totals	17	5,214,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	January 1963
	net tons of 2,000 pounds
<u>Crude iron ore:</u>	
From Canadian mines	49,936
From foreign mines	151,129
Pyrite cinder	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>	
From Canadian mines	119,679
From foreign mines	216,484
From own processing	143,905
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,261
Scrap iron and steel	3,703
Limestone	58,553
Dolomite	33,419
Coke	268,636

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, January

	1962	
	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Pig iron:</u>		
Basic	361,190	2,893
Foundry (including silvery pig) (2)	32,353	11,918
Malleable	25,332	17,319
Total pig iron	418,875	32,130
Ferro-alloys	9,438	8,535
Stocks of pig iron on hand at end of month	388,063	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, January

	1963	
	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Pig iron:</u>		
Basic	370,935	3,136
Foundry (including silvery pig) (2)	3,630	61,983
Malleable	34,490	15,999
Total pig iron	409,055	81,118
Ferro-alloys	11,003	9,925
Stocks of pig iron on hand at end of month	146,175	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,045,000
Electric	931,000
Oxygen	2,100,000
Total ingots	8,076,000
Steel castings	538,000
Total ingots and castings	8,614,000

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	January	
	1962	1963
	net tons of 2,000 pounds	
Pig iron	364,038	379,272
Scrap - Own make	159,355	204,868
Purchased	124,492	154,093
Total pig iron and scrap	647,885	738,233

TABLE 7. Production and Shipments of Steel Ingots and Castings, January

	1962	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Steel ingots (both carbon and alloy):</u>		
Basic open hearth	511,016	128
Electric	55,027	8,281
Oxygen	(2)	(2)
Total steel ingots	566,043	8,409
Alloy steel ingots included in above	27,265	710
<u>Steel castings (both carbon and alloy):</u>		
Basic open hearth	351	351
Electric	9,658	8,527
Other	-	-
Total steel castings	10,009	8,878
<u>Alloy steel castings included in above:</u>		
High alloy, except manganese and abrasion resistant	318	214
High alloy, manganese and abrasion resistant ...	1,439	1,489
All other alloys	260	322
Total alloy castings	2,017	2,025

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, January

	1963	
	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds	
<u>Steel ingots (both carbon and alloy):</u>		
Basic open hearth	591,201	259
Electric	60,355	8,662
Oxygen	(2)	(2)
Total steel ingots	651,556	8,921
Alloy steel ingots included in above	34,076	893
<u>Steel castings (both carbon and alloy):</u>		
Basic open hearth	280	280
Electric	8,379	9,106
Other	-	-
Total steel castings	8,659	9,386
<u>Alloy steel castings included in above:</u>		
High alloy, except manganese and abrasion resistant	185	181
High alloy, manganese and abrasion resistant ...	1,531	1,607
All other alloys	581	577
Total alloy castings	2,297	2,365

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	January 1963	
	Carbon	Alloy
	net tons of 2,000 pounds	
Direct export - British Commonwealth	-	7
All other	119	205
Automotive industries	361	25
Agricultural, including implement and equipment manufacturers	80	31
Machinery and tools	1,036	473
Mining, lumbering and quarrying industries	815	824
Oil and gas, including refineries	77	13
National defence	7	7
Public works and public utilities	35	77
Railway operating	4,179	270
Railway cars and locomotives	135	81
Shipbuilding	44	17
Miscellaneous and unclassified	133	335
Total shipments	7,021	2,365

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
net tons of 2,000 pounds					
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, January

	1962	
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe, welded and seamless:</u>		
4 1/2 " outside diameter and under (excluding casing)	14,053	11,830
Over 4 1/2" outside diameter (including all sizes of casing)	8,137	9,584
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,732	6,196
Totals	27,922	27,610
<u>Steel pipe fittings:</u>		
Buttwelding fittings	90	77
Nipples	(1)	(1)
Other, including flanges and flanged fittings	378	454
Totals	468	531

(1) Included with other

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, January

	1963	
	Made	Shipped
	net tons of 2,000 pounds	
<u>Pipe, welded and seamless:</u>		
4 1/2" outside diameter and under (excluding casing)	13,606	11,938
Over 4 1/2 " outside diameter (including all sizes of casing)	14,704	15,966
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	6,743	6,939
Totals	35,053	34,843
<u>Steel pipe fittings:</u>		
Buttwelding fittings	110	105
Nipples ..	(1)	(1)
Other, including flanges and flanged fittings	473	504
Totals	583	609

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, January 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	31,908	19,279	8,038	11,241
For forging and piercing	15,186	13,930	-	13,930
Rails	27,542	33,213	-	33,213
Wire rods	30,870	29,869	-	29,869
Structural shapes:				
Heavy, including piling	27,838	27,516	-	27,516
Light	7,480	7,654	-	7,654
Concrete reinforcing bars	25,225	21,586	-	21,586
Other hot rolled bars	38,399	39,379	4,685	34,694
Tie plates and track material:				
Angle bars	275	224	-	224
Tie plates	2,587	2,265	-	2,265
Track spikes	214	297	-	297
Plates (including plates for pipes and tubes)	65,294	65,968	-	65,968
Hot rolled sheets and strip	240,879	242,415	158,526	83,889
Total hot rolled products ..	513,697	503,595	171,249	332,346
<u>Cold rolled and coated:</u>				
Cold finished bars	4,439	4,621	-	4,621
Cold reduced strip	5,013	4,714	-	4,714
Cold reduced sheets, tin mill black plate and tin plate	152,037	159,648	66,801	92,847
Galvanized sheets	25,956	26,211	-	26,211
Total cold rolled and coated .	187,445	195,194	66,801	128,393
Total carbon steel	701,142	698,789	238,050	460,739
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	19	19	19	-
For forging and piercing	1,678	1,594	-	1,594
Alloy plates	49	49	-	49
Other hot rolled bars, including high-speed steel and other alloy tool steel	10,574	10,303	100	10,203
Structurals	-	-	-	-
Cold finished bars	807	725	-	725
Wire rods	204	182	-	182
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,465	3,406	-	3,406
Total alloy steel	16,796	16,278	119	16,159

TABLE 14. Disposition of Shipments(1) of Rolled Steel Products

SDI No.	January 1963	
	Carbon	Alloy
	net tons of 2,000 pounds	
4 Wholesalers and warehouses	60,493	542
5 Direct export:		
(a) British Commonwealth	32,905	670
(b) All other	25,112	2,068
6 Automotive industries	31,157	6,346
7 Agricultural, including implement and equipment manufacturers	14,499	496
8 Building construction	72,780	106
9 Container industry	37,086	74
10 Machinery and tools	21,617	3,048
11 Merchant trade products	37,035	1,043
12 Mining, lumbering, etc.	4,762	1,221
13 National defence	23	58
14 Pressing, forming and stamping	28,025	443
15 Public works and utilities	2,644	-
16 Railway operating	14,882	36
17 Railway cars and locomotives	2,173	-
18 Shipbuilding	7,717	7
19 Pipes and tubes	66,839	1
20 Miscellaneous and unclassified	990	-
Net shipments	460,739	16,159

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products, by Product, January 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	153	481	8,890	2,550	4,074	8,124
5	Direct export:							
	(a) British Commonwealth	11,241	21,392	-	79	-	-	178
	(b) All other	543	386	295	161	70	2,437	1,654
6	Automotive industries .	2,424	-	64	88	119	-	8,689
7	Agricultural, etc.	-	-	-	849	814	-	5,214
8	Building construction .	-	95	693	15,481	2,513	12,801	2,176
9	Container industry	-	-	14	-	-	-	4
10	Machinery and tools ...	1,125	137	296	303	297	357	5,867
11	Merchant trade	353	-	27,986	125	97	-	7,090
12	Mining, lumbering, etc.	55	340	56	205	33	54	3,957
13	National defence	-	-	-	-	-	23	44
14	Pressing, forming and stamping	147	-	6	149	1,071	-	752
15	Public works and utilities	-	-	-	109	-	1,794	71
16	Railway operating	19	10,708	23	53	12	46	344
17	Railway cars and locomotives	453	2	1	383	21	-	479
18	Shipbuilding	3	-	-	641	57	-	225
19	Pipes and tubes	10,402	-	-	-	-	-	1
20	Miscellaneous and unclassified	-	-	136	-	-	-	28
	Net shipments	26,765	33,213	30,051	27,516	7,654	21,586	44,897

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products, by Product, January 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
116	8,368	9,956	1,351	185	11,408	5,379	61,035	4
								5
-	-	532	2	-	151	-	33,575	(a)
4	1,859	8,842	18	-	8,046	2,865	27,180	(b)
-	135	13,787	1,339	1,307	8,474	1,077	37,503	6
-	1,074	4,767	1,079	29	1,032	137	14,995	7
10	13,747	6,540	22	255	4,892	13,661	72,886	8
-	20	250	2	9	36,775	86	37,160	9
-	7,104	3,711	613	339	4,249	267	24,665	10
1	44	867	494	21	933	67	38,078	11
18	555	445	56	-	173	36	5,983	12
-	-	6	8	-	-	-	81	13
-	438	8,100	354	1,881	13,170	2,400	28,468	14
-	670	-	-	-	-	-	2,644	15
2,637	813	186	4	-	21	52	14,918	16
-	643	35	-	-	156	-	2,173	17
-	6,063	143	-	42	550	-	7,724	18
-	24,407	27,791	-	11	4,044	184	66,840	19
-	77	-	4	635	110	-	990	20
2,786	66,017	85,958	5,346	4,714	94,184	26,211	476,898	

(2) Includes silicon sheets and strip previously included under "Hot rolled sheets and strip".

TABLE 16. Exports(1) of Selected Forms of Iron and Steel

	December 1962	Twelve months ended December 1962
	net tons of 2,000 pounds	
Pig iron	20,488	459,443
Sponge iron	323	4,478
Steel ingots	849	163,402
Blooms, billets, slab steel	3,875	101,185
Iron castings, n.e.s.	723	7,765
Steel castings	324	4,065
Forgings, n.e.s.	1,532	17,443
Bars steel, hot rolled	1,641	25,551
Wire rods steel, hot rolled	425	2,859
Bars steel, cold rolled	200	1,727
Plate steel	1,879	26,247
Sheet and strip, carbon steel, hot rolled	16,527	134,027
Sheet and strip, carbon steel, cold rolled	2,846	28,047
Sheet, strip, galvanized	4,742	53,009
Sheet and strip, n.e.s.	10,971	111,971
Structural shapes	1,316	17,442
Rails	1,456	84,959
Cast iron pipe	-	140
Pipes and tubes, iron and steel, n.e.s.	2,401	47,469
Totals	72,518	1,291,229

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 17. Imports of Selected Forms of Iron and Steel, by Country

	October 1962			Ten months ended October 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	20,860	3,441	1,302.1	234,982	34,381	9,573.6
United Kingdom	12,264	179	160.4	90,654	2,283	2,958.5
Australia	280	-	-	20,330	-	-
Austria	77	27	-	1,077	154	.1
Belgium	12,887	-	-	121,654	2	1.1
Czechoslovakia	-	-	-	174	-	-
Denmark	12	-	-	66	-	-
Finland	-	-	-	9,926	-	-
France	3,963	-	-	41,314	-	58.7
Germany	6,559	2	-	56,898	89	2.7
Israel	-	-	-	44	-	-
Italy	6	-	-	225	-	-
Japan	5,078	1	104.2	54,859	36	863.3
Netherlands	139	-	-	1,718	-	-
Norway	12	-	-	514	-	-
Sweden	276	82	100.5	1,855	487	886.5
Switzerland	107	-	-	929	-	-
Union of South Africa	-	-	-	43	-	-
Totals	62,520	3,732	1,667.2	637,262(1)	37,432(1)	14,344.5

(1) Includes revisions for September - see page 24, Table 19 for details.

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig Iron:</u>							
Other	United States ...	-	-	-	17	-	-
	Finland	-	-	-	9,926	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	150	155	5.4	555	529	152.2
Billets, blooms, slabs and sheet bar	United States ...	5	11	45.2	1,357	266	676.0
	United Kingdom ..	8	-	-	851	16	-
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States ...	-	94	-	64	477	-
Tool steel billets	United States ...	-	-	-	3	73	-
	United Kingdom ..	-	16	-	4	122	-
	Austria	-	24	-	-	40	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ...	United States ...	-	-	-	45	-	-
	Australia	-	-	-	9,828	-	-
	Belgium	3,963	-	-	48,568	-	-
	France	417	-	-	6,450	-	-
	Germany	1,147	-	-	15,159	-	-
	Japan	1,822	-	-	11,373	-	-
Hot rolled bars n.e.s.	United States ...	1,109	384	5.0	7,329	3,346	90.9
	United Kingdom ..	148	26	19.0	1,875	216	261.5
	Australia	280	-	-	505	-	-
	Austria	-	-	-	-	43	-
	Belgium	1,122	-	-	10,786	-	-
	France	258	-	-	1,046	-	-
	Germany	722	-	-	2,994	-	-
	Japan	-	-	-	896	-	2.0
	Sweden	-	38	1.5	63	193	15.3
Hot rolled bars for agri- cultural implements	United States ...	330	3	-	1,328	30	-
	United Kingdom ..	-	-	-	13	-	-
Rounds over 4 7/8", squares over 4"	United States ...	57	8	-	427	74	11.0
	United Kingdom ..	14	-	-	319	37	14.1
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled(1)	United States ...	15	-	-	95	-	-
	United Kingdom ..	2,035	-	-	5,305	-	-
	Australia	-	-	-	537	-	-
	Belgium	2,046	-	-	15,293	-	-
	France	2,491	-	-	18,200	-	-
	Germany	2,187	-	-	7,591	-	-
	Japan	110	-	-	2,334	-	-
	Netherlands	-	-	-	58	-	-

(1) Includes revisions for September - see page 24, Table 20 for details.

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	63	36	25.1	528	330	109.9
	United Kingdom ..	172	-	.3	1,987	2	14.1
	Australia	-	-	-	5	-	-
	Belgium	-	-	-	294	-	-
	Japan	30	-	-	217	-	-
Cold rolled bars for agri- cultural implements	United States ...	42	-	-	321	-	-
Bars and rods, tool steel ...	United States ...	185	53	-	1,451	352	-
	United Kingdom ..	2	19	-	43	200	-
	Austria	-	3	-	26	66	-
	Germany	-	2	-	-	8	-
	Japan	-	1	-	-	1	-
	Netherlands	-	-	-	22	-	-
	Sweden	8	26	-	77	204	-
<u>Plates:</u>							
60" and under in width	United States ...	328	118	57.9	2,723	3,786	461.5
	United Kingdom ..	182	3	11.5	1,852	33	437.5
	Australia	-	-	-	569	-	-
	Belgium	-	-	-	912	-	-
	France	-	-	-	108	-	-
	Germany	292	-	-	3,995	-	-
	Japan	379	-	2.8	4,655	-	42.9
	Sweden	-	5	17.3	15	23	158.3
Over 60" up to and including 100" in width	United States ...	346	393	55.6	4,041	4,171	698.1
	United Kingdom ..	7	-	60.2	710	-	74.3
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	520	-	-	3,210	-	-
	Japan	161	-	-	4,398	-	-
	Sweden	-	-	-	-	1	145.4
Over 100" in width	United States ...	309	7	28.3	2,505	139	347.7
	United Kingdom ..	-	-	-	594	-	-
	Japan	-	-	-	102	-	-
Floor plate	United States ...	143	-	-	2,301	-	-
	United Kingdom ..	500	-	-	1,975	-	-
	Austria	56	-	-	56	-	-
	Germany	-	-	-	35	-	-
	Japan	114	-	-	1,371	-	-
Flanged, dished, drilled or not	United States ...	237	-	-	2,642	-	-
	United Kingdom ..	1	-	-	1	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet or strip for saws</u> <u>and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground, for saws							
	United States ...	172	-	-	1,287	-	-
	United Kingdom ..	4	-	-	92	-	-
	Austria	-	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	6	-	-	16	-	-
	Sweden	39	-	-	144	-	-
Plate, sheet or strip, hardened, tempered or ground, for saws							
	United States ...	7	-	-	143	-	-
	United Kingdom ..	1	-	-	23	-	-
	Sweden	10	-	-	95	-	-
Carbon steel hot rolled, for pipes, over 60" in width ..							
	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8" or less in width							
	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	4,207	-	-
Carbon steel, cold rolled, for pipes and tubes							
	United States ...	-	-	-	17	-	-
<u>Sheet and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width							
	United States ...	609	18	-	4,293	174	-
	United Kingdom ..	29	-	-	533	16	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	307	-	-	3,099	-	-
	France	21	-	-	229	-	-
	Germany	26	-	-	307	-	-
	Japan	-	-	-	167	-	-
Hot rolled 24" to 51" in width							
	United States ...	974	9	-	5,347	66	-
	United Kingdom ..	-	-	-	41	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	France	-	-	-	6	-	-
	Germany	10	-	-	345	-	-
	Japan	197	-	-	961	-	-
	Un. of S. Africa	-	-	-	43	-	-
Hot rolled over 51" in width							
	United States ...	579	76	-	8,641	136	-
	United Kingdom ..	-	-	-	148	-	-
	Germany	11	-	-	11	-	-
	Japan	40	-	-	432	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheet and strip (except stainless) - Concluded:</u>							
Cold rolled under 24" in width	United States ...	347	16	-	3,797	64	-
	United Kingdom ..	14	2	-	326	2	-
	Belgium	15	-	-	88	-	-
	Germany	1	-	-	98	-	-
	Japan	-	-	-	18	-	-
	Netherlands	-	-	-	4	-	-
	Sweden	-	-	-	214	3	-
Cold rolled 24" to 51" in width	United States ...	432	-	-	5,238	7	-
	United Kingdom ..	-	-	-	172	-	-
	Australia	-	-	-	31	-	-
	Sweden	-	2	-	-	2	-
Cold rolled over 51" in width	United States ...	442	-	-	6,262	2	-
Finished for porcelain enamelling	United States ...	70	-	-	3,718	-	-
Tin plate primes	United States ...	10	-	-	285	-	-
	United Kingdom ..	5	-	-	123	-	-
Tin plate electrolytic	United States ...	63	-	-	483	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate, wasters, seconds or rejects	United States ...	86	-	-	718	-	-
Asbestos bonded, galvanized	United States ...	9	-	-	177	-	-
	United Kingdom ..	29	-	-	153	-	-
Electro-galvanized	United States ...	72	-	-	1,402	-	-
	United Kingdom ..	4	-	-	12	-	-
	Japan	-	-	-	2	-	-
Galvanized n.e.s.	United States ...	359	-	-	3,126	-	-
	United Kingdom ..	2	-	-	107	-	-
	Belgium	-	-	-	12	-	-
	Germany	-	-	-	8	-	-
	Japan	353	-	-	1,156	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States ...	956	-	-	7,446	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	333	-	-	4,018	-	-
Metal coated n.e.s.	United States ...	67	-	-	634	-	-
	United Kingdom ..	7	-	-	27	-	-
	Germany	4	-	-	66	-	-
Coated n.e.s.	United States ...	566	-	-	7,470	-	-
	United Kingdom ..	4	-	-	281	-	-
	Germany	-	-	-	26	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless</u> <u>and silicon:</u>							
Hot rolled, stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	69.9	-	-	129.0
	United Kingdom ..	-	-	-	-	-	2.3
18" and under in width lighter than 18 gauge ...	United States ...	-	-	-	-	-	6.1
Over 18" to 60" in width, 18 gauge and heavier	United States ...	-	-	19.7	-	-	93.1
	United Kingdom ..	-	-	36.1	-	-	777.1
	Belgium	-	-	-	-	-	1.1
	Japan	-	-	30.7	-	-	33.9
	Sweden	-	-	69.4	-	-	456.4
	Germany	-	-	-	-	-	.3
Over 18" to 60" in width lighter than 18 gauge ...	United States ...	-	-	6.6	-	-	13.9
	United Kingdom ..	-	-	21.0	-	-	153.6
Over 60" in width	United States ...	-	-	-	-	-	4.6
	United Kingdom ..	-	-	2.4	-	-	2.4
	Sweden	-	-	7.8	-	-	35.3
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	86.1	-	-	536.8
	United Kingdom ..	-	-	-	-	-	7.9
18" and under in width lighter than 18 gauge ...	United States ...	-	-	164.1	-	-	1,091.0
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	1.5	-	-	5.9
	Sweden	-	-	.2	-	-	.2
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	264.6	-	-	2,073.4
	United Kingdom ..	-	-	5.1	-	-	295.4
	Japan	-	-	29.8	-	-	326.6
Over 18" to 51" in width lighter than 18 gauge ...	United States ...	-	-	323.8	-	-	1,923.2
	United Kingdom ..	-	-	.9	-	-	633.7
	France	-	-	-	-	-	18.0
	Japan	-	-	23.5	-	-	317.6
Over 51" in width	United States ...	-	-	6.4	-	-	66.6
	Japan	-	-	13.3	-	-	113.0
Electrical silicon 2.90 or more	United States ...	-	1,568	-	-	15,813	-
	United Kingdom ..	-	-	-	-	79	-
Electrical n.e.s.	United States ...	-	165	-	-	912	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	1,149	-	-	24,989	-	-
	United Kingdom ..	2,962	-	-	5,316	-	-
Bearing piling	United States ...	-	-	-	5,252	-	-
	United Kingdom ..	-	-	-	887	-	-
	Belgium	-	-	-	356	-	-
	France	-	-	-	53	-	-
	Germany	25	-	-	1,137	-	-
Wide flange beams n.e.s.	United States ...	4,643	-	-	48,165	-	-
	United Kingdom ..	-	-	-	10,655	-	-
	Belgium	182	-	-	2,487	-	-
	Germany	124	-	-	2,135	-	-
Structural shapes large size n.e.s.	United States ...	972	-	-	11,075	-	-
	United Kingdom ..	254	-	-	2,613	-	-
	Belgium	299	-	-	4,890	-	-
	France	72	-	-	1,438	-	-
	Germany	-	-	-	195	-	-
	Japan	22	-	-	22	-	-
Structural shapes inter- mediate sizes n.e.s.(1) ...	United States ...	265	-	-	3,507	-	-
	United Kingdom ..	41	-	-	718	-	-
	Australia	-	-	-	713	-	-
	Belgium	1,503	-	-	9,160	-	-
	France	310	-	-	1,363	-	-
	Germany	98	-	-	847	-	-
	Italy	-	-	-	6	-	-
	Japan	35	-	-	530	-	-
Structural shapes, bar sizes n.e.s.(1)	United States ...	473	9	-	3,333	312	-
	United Kingdom ..	73	-	-	750	9	-
	Australia	-	-	-	3,646	-	-
	Belgium	1,938	-	-	15,034	-	-
	France	158	-	-	1,134	-	-
	Germany	484	-	-	5,017	-	-
	Japan	94	-	-	970	-	-
	Sweden	-	9	-	-	50	-
Sheet piling	United States ...	415	-	-	4,330	-	-
	United Kingdom ..	-	-	-	1,585	-	-
	Belgium	905	-	-	4,530	-	-
	France	-	-	-	103	-	-
	Germany	-	-	-	796	-	-
	Japan	-	-	-	329	-	-
Sash casement or frame sections not punched, drilled nor further manu- factured for metal window frames(1)	United States ...	126	-	-	1,110	-	-
	United Kingdom ..	34	-	-	358	-	-
	Belgium	31	-	-	339	-	-

(1) Includes revisions for September - see page 24, Table 20 for details.

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u>							
<u>steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles United States ... 1 - - 26 - - United Kingdom .. - - - 436 - - Austria - - - 5 - -							
Tires of steel in the rough for railway vehicles United States ... 7 - - 57 - - United Kingdom .. 3 - - 10 - -							
Steel wheels for railway rolling stock United States ... 66 - - 485 - - United Kingdom .. 55 - - 838 - -							
Rails 60 lb. and under per linear yard United States ... - - - 48 - - Germany 89 - - 925 - -							
Rails over 60 lb. up to and including 100 lb. per linear yard United States ... 148 - - 541 - - United Kingdom .. - - - 90 - -							
Rails over 100 lb. per linear yard United States ... 8 - - 851 - - United Kingdom .. - - - 642 - -							
Fish plates, splice bars, rail joints and tie plates, iron and steel United States ... 6 - - 748 - - United Kingdom .. 3 - - 256 - - Belgium - - - 12 - - Germany 2 - - 223 - -							
Railway track material n.e.s. United States ... 10 - - 315 - - United Kingdom .. 2 - - 13 - -							
<u>Pipes and tubes:</u>							
Cast iron United States ... 47 - - 545 - - United Kingdom .. 70 - - 4,682 - - Australia - - - 90 - - France - - - 82 - -							
Drill pipe United States ... - - - 947 - -							
Oil country tubing 3 1/2" O.D. and under United States ... 185 - - 2,622 - .4 United Kingdom .. - - - 3,164 - - Austria - - - 133 - - France - - - 178 - - Italy - - - 93 - - Japan - - - 2,517 - -							

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
Pipes and tubes - Continued:							
Casing, J-55 and H-40	United States ...	100	-	-	1,386	-	-
	United Kingdom ..	479	-	-	7,706	-	-
	France	-	-	-	32	-	-
	Germany	-	-	-	1,808	-	-
	Japan	625	-	-	7,968	-	-
Casing, all other	United States ...	52	-	-	563	-	-
	United Kingdom ..	-	-	-	296	-	-
	Japan	-	-	-	2,124	-	-
Seamless hot finished:							
Up to and including 6 5/8"							
O.D.	United States ...	38	14	4.7	661	86	43.0
	United Kingdom ..	-	35	-	438	111	-
	Belgium	-	-	-	8	-	-
	Germany	-	-	-	670	-	-
	Israel	-	-	-	28	-	-
	Japan	-	-	-	853	-	.3
	Sweden	-	2	1.6	3	5	2.3
Over 6 5/8" up to and in- cluding 10 1/2" O.D.							
United States ...	United States ...	8	-	.1	106	86	1.8
	United Kingdom ..	-	-	-	68	-	-
	Germany	-	-	-	15	-	-
	Sweden	-	-	-	1	3	-
Over 10 1/2" up to and in- cluding 16" O.D.							
United States ...	United States ...	176	-	-	2,213	26	3.0
	United Kingdom ..	-	-	-	29	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	-	-	-	2	-
Over 16" O.D.							
United States ...	United States ...	144	-	-	1,731	1	-
	Italy	-	-	-	102	-	-
Mechanical tubing	United States ...	1,510	56	2.2	15,699	968	46.8
	United Kingdom ..	48	8	-	339	553	20.4
	Denmark	-	-	-	5	-	-
	Germany	-	-	-	226	79	-
	Netherlands	-	-	-	3	-	-
	Sweden	150	-	-	819	1	-
For pressure parts of boilers:							
Seamless hot-finished							
United States ...	United States ...	103	75	-	1,493	882	1.7
	United Kingdom ..	272	15	-	1,740	543	-
	France	-	-	-	38	-	-
	Germany	247	-	-	1,077	-	-
	Italy	-	-	-	7	-	-
	Japan	-	-	-	6	-	4.5
Seamless cold-drawn							
United States ...	United States ...	6	-	-	100	17	1.6
	United Kingdom ..	-	-	-	27	43	-
	Germany	-	-	-	7	-	-
	Japan	-	-	-	-	35	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
For pressure parts of boilers - Concluded:							
Welded	United States ...	48	4	-	311	4	23.7
	United Kingdom ..	86	-	-	1,418	-	49.2
	France	-	-	-	104	-	-
	Germany	10	-	-	101	-	-
	Japan	25	-	-	315	-	-
	Switzerland	104	-	-	903	-	-
Seamless cold drawn n.e.s.	United States ...	27	42	20.1	1,146	78	217.3
	United Kingdom ..	42	55	11.7	210	253	190.6
	France	-	-	-	6	-	30.4
	Germany	33	-	-	139	-	.1
	Japan	-	-	2.6	36	-	8.9
	Sweden	26	-	.9	165	-	40.2
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	291	-	22.0	2,029	-	216.8
	United Kingdom ..	3,034	-	.7	8,170	-	5.9
	Belgium	34	-	-	234	-	-
	France	125	-	-	8,576	-	-
	Germany	44	-	-	2,403	-	-
	Israel	-	-	-	16	-	-
	Japan	110	-	-	1,286	-	.9
	Netherlands	-	-	-	6	-	-
	Norway	-	-	-	386	-	-
	Sweden	-	-	-	14	-	5.7
Over 4 1/2" up to and in- cluding 16" O.D. n.e.s.	United States ...	13	-	23.0	502	-	77.7
	United Kingdom ..	-	-	-	16	-	-
	Germany	-	-	-	277	-	-
	Japan	-	-	-	158	-	-
	Sweden	-	-	-	6	-	8.8
	Switzerland	-	-	-	14	-	-
Over 16" O.D. n.e.s.	United States ...	-	-	.1	300	3	5.5
	United Kingdom ..	-	-	-	7	-	-
	Germany	-	-	-	329	-	-
Spiral welded	United States ...	19	-	-	1,144	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	57	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	41	78	42.1	488	694	268.0
	United Kingdom ..	134	-	-	867	44	-
	Austria	-	-	-	-	2	.1
	Belgium	-	-	-	3	2	-
	Germany	8	-	-	9	2	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	1.8	95	-	10.5

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	October 1962			Ten months ended October 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Continued:</u>							
Welding wire in coil form (excluding wire for the manufacture of welding rods)							
	United States ...	19	46	3.2	323	434	40.9
	United Kingdom ..	-	-	-	8	-	-
Wire n.e.s.							
	United States ...	101	3	7.2	1,216	43	77.9
	United Kingdom ..	70	-	3.2	892	4	30.2
	Austria	19	-	-	744	-	-
	Belgium	276	-	-	3,003	-	-
	Czechoslovakia ..	-	-	-	174	-	-
	France	77	-	-	1,230	-	-
	Germany	35	-	-	350	-	.5
	Japan	55	-	-	1,164	-	3.8
	Netherlands	25	-	-	646	-	-
	Norway	-	-	-	1	-	-
	Sweden	43	-	-	142	-	8.1
Galvanized fencing wire							
	United Kingdom ..	15	-	-	878	-	-
	Belgium	81	-	-	507	-	-
	France	-	-	-	27	-	-
	Germany	144	-	-	371	-	-
	Japan	-	-	-	66	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.							
	United States ...	22	-	-	315	-	-
	United Kingdom ..	194	-	-	795	-	-
	Austria	2	-	-	112	-	-
	Belgium	155	-	-	1,323	-	-
	France	-	-	-	305	-	-
	Germany	-	-	-	315	-	-
	Italy	6	-	-	14	-	-
	Japan	45	-	-	813	-	-
	Netherlands	-	-	-	104	-	-
Coated or covered with any material n.e.s.							
	United States ...	40	-	2.0	339	-	46.6
	United Kingdom ..	5	-	-	156	-	-
	Belgium	8	-	-	26	-	-
	Germany	-	-	-	7	-	-
	Italy	-	-	-	3	-	-
	Japan	-	-	-	10	-	-
	Netherlands	-	-	-	2	-	-
Wire rope							
	United States ...	78	-	-	1,434	-	4.2
	United Kingdom ..	364	-	-	2,635	-	-
	Belgium	22	-	-	315	-	-
	Denmark	12	-	-	59	-	-
	France	33	-	-	589	-	-
	Germany	35	-	-	480	-	-
	Japan	116	-	-	1,583	-	-
	Netherlands	114	-	-	863	-	-
	Norway	12	-	-	127	-	-
	Sweden	-	-	-	2	-	-
	Switzerland	3	-	-	12	-	-

TABLE 18. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	October 1962		Ten months ended October 1962		
		Carbon Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds						
<u>Wire and wire products -</u>						
<u>Concluded:</u>						
Wire, steel, spring, for						
mattresses, cushions or up-						
holstery						
	United States ...	22	-	-	132	-
	Denmark	-	-	-	2	-
	Japan	193	-	-	1,362	-
Wire, steel, valued at not						
less than 2 3/4 cents per						
pound for wire rope						
	United States ...	9	-	-	114	-
	United Kingdom ..	856	-	-	10,789	-
	Belgium	-	-	-	114	-
	France	1	-	-	11	-
	Germany	255	-	-	2,959	-
	Japan	552	-	-	2,343	-
Totals		62,520	3,732	1,667.2	637,262(1)	37,432(1)
						14,344.5

(1) Includes revisions for September - see page 24, Table 20 for details.

TABLE 19. Revised Summary of September Imports of Selected Forms of Iron and Steel, by Country

Country	Original September 1962			Revised September 1962		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	net tons of 2,000 pounds					
United States	19,060	2,580	830.5	19,213	2,573	
United Kingdom	4,643	284	145.0	4,799	285	
Australia	3,522	-	-	3,999		
Belgium	8,689	-	-	9,961		
France	2,638	-	-	5,798	Unchanged	Unchanged
Germany	4,282	9	-	5,375		
Japan	3,046	35	73.0	3,227		
Sweden	91	53	30.6	89		

TABLE 20. Revised September Imports of Selected Forms of Iron and Steel, by Country

Commodity	Original September 1962			Revised September 1962		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	net tons of 2,000 pounds					
<u>Bars and rods:</u>						
Wire rods, steel, hot rolled						
United States ...	42	-	-	-		
United Kingdom ..	76	-	-	232		
Belgium	633	-	-	1,895		
France	156	-	-	3,316		Unchanged
Germany	332	-	-	1,473		
Japan	21	-	-	202		
Sweden	2	-	-	-		
<u>Structurals and sections:</u>						
Structural shapes intermediate sizes n.e.s.						
Germany	123	-	-	75	-	-
Structural shapes bar sizes n.e.s.						
United States ...	371	16	-	566	9	-
United Kingdom ..	114	-	-	114	1	-
Australia	1,104	-	-	1,581	-	-
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames						
Belgium	54	-	-	64	-	-

Steel Furnace Capacity as of January 1, 1963

Name of firms	Location	Annual capacity(1)
		net tons of 2,000 pounds
A - 1 Steel & Iron Foundry Ltd.	Vancouver, B.C.	1,000
Algoma Steel Corporation Limited	Sault Ste. Marie, Ont.	1,800,000
Atlas Steels Limited	Welland, Ont.	183,000
Black Clawson-Kennedy Ltd.	Owen Sound, Ont.	10,000
Burlington Steel Co.	Hamilton, Ont.	28,000
Canada Electric Castings Co. Limited	Orillia, Ont.	6,000
Canadian Steel Foundries		
Division of Hawker Siddeley Canada Ltd.	Montreal, P.Q.	96,000
Canadian Steel Wheel Ltd.	Montreal, P.Q.	146,000
Canadian Summer Iron Works Ltd.	Vancouver, B.C.	6,000
Canadian Unitcast Steel Ltd.	Sherbrooke, P.Q.	8,000
Consolidated Mining & Smelting Co. of Canada Ltd. ...	Trail, B.C.	8,500
Crucible Steel of Canada Ltd.	Sorel, P.Q.	32,000
Dominion Brake Shoe Co. Ltd.		
Joliette Steel Div.	Joliette, P.Q.	33,000
Dominion Engineering Works Ltd.	Montreal, P.Q.	15,000
Dominion Foundries & Steel Ltd.	Hamilton, Ont.	1,250,000
Dominion Steel & Coal Corporation Ltd.	Montreal, P.Q.	90,000
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.	1,000,000
Esco Limited	Port Coquitlam, B.C. ..	6,000
Fahralloy Canada Ltd.	Orillia, Ont.	10,000
Foothills Steel Foundry & Iron Works Ltd.	Calgary, Alta.	8,000
Ford Motor Co. of Canada Ltd.	Windsor, Ont.	105,000
Griffin Steel Foundries Ltd.	St. Hyacinthe, P.Q. ...	52,500
Griffin Steel Foundries Ltd.	Transcona, Man.	70,000
Interprovincial Steel & Pipe Corporation Ltd.		
Steel Division	Regina, Sask.	128,000
Lynn McLeod Metallurgy Ltd.	Thetford Mines, P.Q. ..	7,000
Manganese Steel Castings Ltd.	Sherbrooke, P.Q.	2,000
Dominion Brake Shoe Co. Ltd.		
Manitoba Steel Foundries Ltd.	Selkirk, Man.	7,000
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.	108,000
Maritime Steel Foundries Ltd.	New Glasgow, N.S.	3,000
Neelon Steel Ltd.	Lebel, Ont.	18,000
Premier Steel Mills Ltd.	Edmonton, Alta.	100,000
Quality Steel Foundries Ltd.	Edmonton, Alta.	2,000
Reliance Foundry Co. Ltd.	Vancouver, B.C.	8,000
Shawinigan Chemicals Ltd.	Shawinigan Falls, P.Q.	6,000
Sorel Steel Foundries Ltd.	Sorel, P.Q.	30,000
Steel Co. of Canada	Hamilton, Ont.	3,125,000
The Indiana Steel Products Co. of Canada Ltd.	Kitchener, Ont.	4,000
Vancouver Steel Co. Ltd.	Vancouver, B.C.	86,000
Victoria Machinery Depot Co. Ltd.	Victoria, B.C.	5,000
Welland Electric Steel Foundry Ltd.	Welland, Ont.	11,000
Totals		8,614,000

(1) Annual capacity is the production which the given piece of equipment will turn out in a year, working at normal efficiency, 24 hours a day, and irrespective altogether of materials and labour supply or the markets, although allowing for such shut-downs as may be necessary for repairs and over-hauling or rebuilding.

List of Reporting Firms

Pig Iron

Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Canadian Furnace Ltd.	Port Colborne, Ont.
The Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Quebec Iron & Titanium Corporation	Sorel, P.Q.
Steel Co. of Canada	Hamilton, Ont.

Steel Ingots and Steel Castings

A - 1 Steel Iron Foundry Ltd.	Vancouver, B.C.
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ont.
Atlas Steels	Welland, Ont.
Black Clawson-Kennedy Ltd.	Owen Sound, Ont.
Burlington Steel Co.	Hamilton, Ont.
Canada Electric Castings Co. Ltd.	Orillia, Ont.
Canadian Steel Foundries	
Division of Hawker Siddeley Canada Ltd.	Montreal, P.Q.
Canadian Steel Wheel Ltd.	Hochelaga, Montreal, P.Q.
Canadian Sumner Iron Works Ltd.	Vancouver, B.C.
Canadian Unitcast Steel Ltd.	Sherbrooke, P.Q.
Consolidated Mining & Smelting Co. of Canada Ltd.	Trail, B.C.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Brake Shoe Co. Ltd. (Joliette Steel Div.)	Joliette, P.Q.
Dominion Brake Shoe Co. Ltd. (Manitoba Steel Foundry Div.)	Selkirk, Man.
Dominion Engineering Works Ltd.	Montreal, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corporation Ltd.	Sydney, N.S.
Dominion Steel & Coal Corporation Ltd.	Montreal, P.Q.
Esco Limited	Port Coquitlam, B.C.
Fahr alloy Canada Ltd.	Orillia, Ont.
Foothills Steel Foundry & Iron Works Ltd.	Calgary, Alta.
Ford Motor Co. of Canada Ltd.	Windsor, Ont.
Griffin Steel Foundries Ltd. (St. Hyacinthe Plant)	St. Hyacinthe, P.Q.
Griffin Steel Foundries Ltd. (Transcona Plant)	Transcona, Man.
Interprovincial Steel & Pipe Corporation Ltd. (Steel Division)	Regina, Sask.
Lynn MacLeod Metallurgy Ltd.	Thetford Mines, P.Q.
Manganese Steel Castings Ltd.	Sherbrooke, P.Q.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Maritime Steel Foundries Ltd.	New Glasgow, N.S.
Neelon Steel Ltd.	Lebel, Ont.
Premier Steel Mills Ltd.	Edmonton, Alta.
Quality Steel Foundries Ltd.	Edmonton, Alta.
Reliance Foundry Co. Ltd.	Vancouver, B.C.
Shawinigan Chemicals Ltd.	Shawinigan Falls, P.Q.
Sorel Steel Foundries Ltd.	Sorel, P.Q.
Steel Co. of Canada	Hamilton, Ont.
The Indiana Steel Products Co. of Canada Ltd.	Kitchener, Ont.
Vancouver Steel Co. Ltd.	Vancouver, B.C.
Victoria Machinery Depot Co. Ltd.	Victoria, B.C.
Welland Electric Steel Foundry	Welland, Ont.

List of Reporting Firms - Concluded

Ferro Alloys

Canadian Carborundum Co. Ltd.	Niagara Falls, Ont.
Chromium Mining & Smelting Corp. Ltd.	Beauharnois, P.Q.
Exelon Company, The	Thorold, Ont.
Lionite Abrasive Ltd.	Niagara Falls, Ont.
Norton Company	Chippawa, Ont.
Simonds Canada Abrasives Co.	Arvida, P.Q.
Union Carbide Canada Ltd. (Metals & Carbon Div. Beauharnois Plant)	Beauharnois, P.Q.
Union Carbide Canada Ltd. (Metals & Carbon Div. Welland Plant)	Welland, Ont.

Steel Pipes, Tubes and Fittings

Alberta Phoenix Tube & Pipe Ltd.	Edmonton, Alta.
Barton Tubes Limited	Burlington, Ont.
Big Inch Corporation	Calgary, Alta.
Burlington Steel Co.	Hamilton, Ont.
Camrose Tubes	Toronto, Ont.
Canadian Acme Screw & Gear Co.	Toronto, Ont.
Canadian Coupling & Fitting Ltd.	Simcoe, Ont.
Canadian Western Pipe Mills Ltd.	Port Moody, B.C.
Crane Canada Ltd.	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Interprovincial Steel & Pipe Corp. Ltd. (Prairie Pipe Div.)	Regina, Sask.
Ladish Co. of Canada Ltd.	Brantford, Ont.
Mannesmann Tube Co. Ltd.	Sault Ste. Marie, Ont.
Page-Hersey Tubes Ltd.	Toronto, Ont.
Sasco Tubes Ltd.	Toronto, Ont.
Sonco Steel Products Ltd.	Toronto, Ont.
Standard Fittings (Canada) Ltd.	Toronto, Ont.
Standard Tube & T.I. Ltd.	Woodstock, Ont.
The Steel Co. of Canada Ltd.	Hamilton, Ont.
Taylor Forge & Pipe Works of Canada Ltd.	Hamilton, Ont.
Tubular Steel Products Ltd.	Toronto, Ont.
Tube Turns of Canada Ltd.	Ridgetown, Ont.
Welland Tubes Ltd.	Toronto, Ont.

Rolled Steel Products

Algoma Steel Corp. Ltd.	Sault Ste. Marie, Ont.
Atlas Steels Ltd.	Welland, Ont.
Burlington Steel Co.	Hamilton, Ont.
The Canadian Drawn Steel Co. Ltd.	Hamilton, Ont.
Canadian Sheet Galvanizers Ltd.	Montreal, P.Q.
Crucible Steel of Canada Ltd.	Sorel, P.Q.
Dominion Foundries & Steel Ltd.	Hamilton, Ont.
Dominion Steel & Coal Corp. Ltd.	Sydney, N.S.
Dominion Steel & Coal Corp. Ltd.	Montreal, P.Q.
Dominion Steel & Coal Corp. Ltd.	Etobicoke, Toronto, Ont.
Enamel & Heating Products Ltd.	Amherst, N.S.
Interprovincial Steel & Pipe Corp. Ltd. (Steel Division)	Regina, Sask.
Manitoba Rolling Mill Co. Ltd.	Winnipeg, Man.
Premier Steel Mills Ltd.	Edmonton, Alta.
Stanley Steel Co. Ltd.	Hamilton, Ont.
Steel Co. of Canada	Hamilton, Ont.
Union Drawn Steel Co. Ltd.	Hamilton, Ont.
Vanadium Alloys Steel Canada Ltd.	London, Ont.
Vancouver Rolling Mills Ltd.	Vancouver, B.C.
Vic Metals Inc.	Victoriaville, P.Q.

CATALOGUE No.

41-001

MONTHLY



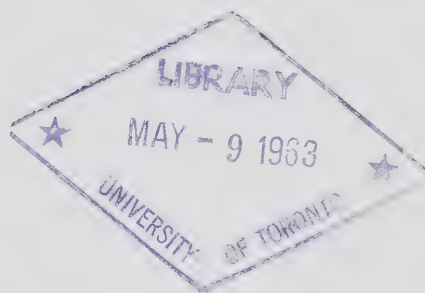
CANADA

Canada. Statistics, Bureau of

///

PRIMARY IRON AND STEEL

FEBRUARY 1963



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

April 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 2

TABLE 1. Description of Iron Blast Furnaces(1) at end of February 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	13	4,103,100	78.7
Banked	-	-	-
Blown out	4	1,111,800	21.3
Totals	17	5,214,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	February 1963	Two months ended February 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	55,591	105,527
From foreign mines	141,360	292,489
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	132,935	252,614
From foreign mines	162,151	378,635
From own processing	151,401	295,306
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	12,928	27,189
Scrap iron and steel	3,713	7,416
Limestone	58,407	116,960
Dolomite	21,850	55,269
Coke	250,869	519,505

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, February

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	340,535	1,785	331,670	4,473
Foundry (including silvery pig)(2)	28,271	12,132	6,832	4,235
Malleable	24,330	16,095	39,617	12,631
Total pig iron	393,136	30,012	378,119	21,339
Ferro-alloys	9,255	8,531	10,623	9,052
Stocks of pig iron on hand at end of month(3)	406,958		198,217	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

(3) Stocks of Pig iron on hand at end of January 1963 should have read 203,111 tons instead of 146,175 tons.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Two Months Ended February

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	701,725	4,678	702,605	7,609
Foundry (including silvery pig)(2)	60,624	24,050	10,462	9,282(3)
Malleable	49,662	33,414	74,107	28,630
Total pig iron	812,011	62,142	787,174	45,521(4)
Ferro-alloys	18,693	17,066	21,626	18,977

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

(3) Includes revisions for January 1963 which should have read 5,047.

(4) Includes revisions for January 1963 which should have read 24,182.

TABLE 5. Steel Furnace Capacity at First of January 1963

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,045,000
Electric		931,000
Oxygen		2,100,000
Total ingots		8,076,000
Steel castings		538,000
Total ingots and castings		8,614,000

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	February		Two months ended February	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	330,459	352,998	694,497	732,270
Scrap - Own make	148,485	173,475	307,840	378,343
Purchased	123,040	137,887	247,532	291,980
Total pig iron and scrap	601,984	664,360	1,249,869	1,402,593

TABLE 7. Production and Shipments of Steel Ingots and Castings, February

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	471,273	214	518,054	128
Electric	52,638	7,541	55,570	858
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	523,911	7,755	573,624	986
Alloy steel ingots included in above	25,121	671	34,535	7,797
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	192	192	571	573
Electric	9,685	9,223	9,638	8,746
Other	-	-	-	-
Total steel castings	9,877	9,415	10,209	9,319
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	241	212	253	232
High alloy, manganese and abrasion resistant ...	1,483	1,424	1,609	1,684
All other alloys	285	236	439	483
Total alloy castings	2,009	1,872	2,301	2,399

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Two Months Ended February

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
net tons of 2,000 pounds				
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	982,289	342	1,109,255	387
Electric	107,665	15,822	115,925	9,520
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	1,089,954	16,164	1,225,180	9,907
Alloy steel ingots included in above	52,386	1,381	68,611	8,690
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	543	543	851	853
Electric	19,343	17,750	18,017	17,852
Other	-	-	-	-
Total steel castings	19,886	18,293	18,868	18,705
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	559	426	438	413
High alloy, manganese and abrasion resistant ...	2,922	2,913	3,140	3,291
All other alloys	545	558	1,020	1,060
Total alloy castings	4,026	3,897	4,598	4,764

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	February 1963		Two months ended February 1963	
	Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds				
Direct export - British Commonwealth	-	93	-	100
All other	66	263	185	468
Automotive industries	295	25	656	50
Agricultural, including implement and equipment manufacturers	79	21	159	52
Machinery and tools	1,197	496	2,233	969
Mining, lumbering and quarrying industries	729	834	1,544	1,658
Oil and gas, including refineries	24	16	101	29
National defence	18	11	25	18
Public works and public utilities	57	36	92	113
Railway operating	3,870	244	8,049	514
Railway cars and locomotives	323	42	458	123
Shipbuilding	40	17	84	34
Miscellaneous and unclassified	222	301	355	636
Total shipments	6,920	2,399	13,941	4,764

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	573,624	10,209	583,833
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, February

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	14,064	12,109	11,548	13,065
Over 4 1/2" outside diameter (including all sizes of casing)	11,486	9,573	28,908	25,902
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,153	5,378	6,862	6,383
Totals	30,703	27,060	47,318	45,350
<u>Steel pipe fittings:</u>				
Buttwelding fittings	80	66	111	141
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	373	503	494	592
Totals	453	569	605	733

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Two Months Ended February

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	28,117	23,939	25,154	25,003
Over 4 1/2 " outside diameter (including all sizes of casing)	19,623	19,157	43,612	41,868
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	10,885	11,574	13,605	13,322
Totals	58,625	54,670	82,371	80,193
<u>Steel pipe fittings:</u>				
Buttwelding fittings	170	143	221	246
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	751	957	967	1,096
Totals	921	1,100	1,188	1,342

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, February 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	10,263	24,027	9,746	14,281
For forging and piercing	13,085	14,626	-	14,626
Rails	26,676	13,244	-	13,244
Wire rods	31,948	32,242	-	32,242
Structural shapes:				
Heavy, including piling	33,039	29,161	-	29,161
Light	8,583	9,135	-	9,135
Concrete reinforcing bars	34,046	28,486	-	28,486
Other hot rolled bars	40,508	30,265	2,905	27,360
Tie plates and track material:				
Angle bars	760	690	-	690
Tie plates	3,500	3,495	-	3,495
Track spikes	768	720	-	720
Plates (including plates for pipes and tubes)	56,429	55,851	-	55,851
Hot rolled sheets and strip	223,681	229,450	155,110	74,340
Total hot rolled products ..	483,286	471,392	167,761	303,631
<u>Cold rolled and coated:</u>				
Cold finished bars	4,471	4,418	-	4,418
Cold reduced strip	5,299	4,936	-	4,936
Cold reduced sheets, tin mill black plate and tin plate	142,166	141,176	53,614	87,562
Galvanized sheets	21,742	21,597	-	21,597
Total cold rolled and coated .	173,678	172,127	53,614	118,513
Total carbon steel	656,964	643,519	221,375	422,144
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	6	6	6	-
For forging and piercing	975	1,069	-	1,069
Alloy plates	62	6	-	6
Other hot rolled bars, including high-speed steel and other alloy tool steel	8,316	10,286	142	10,144
Structurals	-	-	-	-
Cold finished bars	527	645	-	645
Wire rods	203	237	-	237
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,231	3,207	-	3,207
Total alloy steel	13,320	15,456	148	15,308

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Two Months Ended
February 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	42,171	43,306	17,784	25,522
For forging and piercing	28,271	28,556	-	28,556
Rails	54,218	46,457	-	46,457
Wire rods	62,818	62,111	-	62,111
Structural shapes:				
Heavy, including piling	60,877	56,677	-	56,677
Light	16,063	16,789	-	16,789
Concrete reinforcing bars	59,271	50,072	-	50,072
Other hot rolled bars	78,907	69,644	7,590	62,054
Tie plates and track material:				
Angle bars	1,035	914	-	914
Tie plates	6,087	5,760	-	5,760
Track spikes	982	1,017	-	1,017
Plates (including plates for pipes and tubes)	121,723	121,819	-	121,819
Hot rolled sheets and strip	464,560	471,865	313,636	158,229
Total hot rolled products ..	996,983	974,987	339,010	635,977
<u>Cold rolled and coated:</u>				
Cold finished bars	8,910	9,039	-	9,039
Cold reduced strip	10,312	9,650	-	9,650
Cold reduced sheets, tin mill black plate and tin plate	294,203	300,824	120,415	180,409
Galvanized sheets	47,698	47,808	-	47,808
Total cold rolled and coated .	361,123	367,321	120,415	246,906
Total carbon steel	1,358,106	1,342,308	459,425	882,883
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	25	25	25	-
For forging and piercing	2,653	2,663	-	2,663
Alloy plates	111	55	-	55
Other hot rolled bars, including high-speed steel and other alloy tool steel	18,890	20,589	242	20,347
Structurals	-	-	-	-
Cold finished bars	1,334	1,370	-	1,370
Wire rods	407	419	-	419
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	6,696	6,613	-	6,613
Total alloy steel	30,116	31,734	267	31,467

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		February 1963		Two months ended February 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	61,742	518	122,235	1,060
5	Direct export:				
	(a) British Commonwealth	14,487	510	47,392	1,180
	(b) All other	26,858	1,678	51,970	3,746
6	Automotive industries	28,925	7,042	60,082	13,388
7	Agricultural, including implement and equipment manufacturers	10,518	144	25,017	640
8	Building construction	77,162	83	149,942	189
9	Container industry	30,781	188	67,867	262
10	Machinery and tools	18,502	2,442	40,119	5,490
11	Merchant trade products	37,956	982	74,991	2,025
12	Mining, lumbering, etc.	4,488	1,167	9,250	2,388
13	National defence	165	17	188	75
14	Pressing, forming and stamping	24,708	472	52,733	915
15	Public works and utilities	2,126	-	4,770	-
16	Railway operating	18,943	31	33,825	67
17	Railway cars and locomotives	1,072	-	3,245	-
18	Shipbuilding	3,494	33	11,211	40
19	Pipes and tubes	58,871	1	125,710	2
20	Miscellaneous and unclassified	1,346	-	2,336	-
	Net shipments	422,144	15,308	882,883	31,467

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	106	289	8,194	3,052	10,511	7,807
5	Direct export:							
	(a) British Commonwealth	14,281	-	-	-	-	-	106
	(b) All other	394	736	232	441	13	632	1,907
6	Automotive industries .	2,611	-	80	41	85	-	8,906
7	Agricultural, etc.	13	-	19	584	664	-	1,866
8	Building construction .	-	216	1,933	18,197	3,694	14,474	2,187
9	Container industry	-	-	21	-	-	-	106
10	Machinery and tools ...	885	75	240	565	283	498	3,711
11	Merchant trade	486	-	29,516	64	188	872	5,039
12	Mining, lumbering, etc.	11	572	12	523	28	-	3,330
13	National defence	2	-	-	-	-	31	6
14	Pressing, forming and stamping	157	-	13	150	963	13	1,025
15	Public works and utilities	-	-	-	-	-	1,447	45
16	Railway operating	-	11,539	2	161	115	-	1,084
17	Railway cars and locomotives	324	-	1	85	13	-	277
18	Shipbuilding	5	-	-	156	37	-	52
19	Pipes and tubes	10,807	-	-	-	-	-	1
20	Miscellaneous and unclassified	-	-	121	-	-	8	49
	Net shipments	29,976	13,244	32,479	29,161	9,135	28,486	37,504

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, February 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate (2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
50	7,443	8,166	1,362	163	10,878	4,239	62,260	4
								5
-	-	412	5	-	193	-	14,997	(a)
-	1,973	9,968	17	-	10,518	1,705	28,536	(b)
-	152	13,106	1,195	1,363	7,925	503	35,967	6
-	891	3,801	1,109	14	1,501	200	10,662	7
-	12,612	6,769	47	127	5,139	11,850	77,245	8
-	10	727	1	7	30,002	95	30,969	9
2	5,875	3,909	503	255	3,851	292	20,944	10
-	110	942	558	-	1,066	97	38,938	11
40	547	249	55	-	249	39	5,655	12
-	-	20	2	92	29	-	182	13
-	851	6,035	192	1,888	11,620	2,273	25,180	14
13	621	-	-	-	-	-	2,126	15
4,785	982	275	4	-	-	27	18,974	16
8	129	134	2	-	78	21	1,072	17
-	3,238	1	5	-	-	33	3,527	18
-	20,423	21,895	-	103	5,440	203	58,872	19
7	-	-	6	924	211	20	1,346	20
4,905	55,857	76,409	5,063	4,936	88,700	21,597	437,452	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February 1963

February 1963								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	259	770	17,084	5,602	14,585	15,931
5	Direct export:							
	(a) British Commonwealth	25,522	21,392	-	79	-	-	284
	(b) All other	937	1,122	527	602	83	3,069	3,561
6	Automotive industries .	5,035	-	144	129	204	-	17,595
7	Agricultural, etc.	13	-	19	1,433	1,478	-	7,080
8	Building construction .	-	311	2,626	33,678	6,207	27,275	4,363
9	Container industry	-	-	35	-	-	-	110
10	Machinery and tools ...	2,010	212	536	868	580	855	9,578
11	Merchant trade	839	-	57,502	189	285	872	12,129
12	Mining, lumbering, etc.	66	912	68	728	61	54	7,287
13	National defence	2	-	-	-	-	54	50
14	Pressing, forming and stamping	304	-	19	299	2,034	13	1,777
15	Public works and utilities	-	-	-	109	-	3,241	116
16	Railway operating	19	22,247	25	214	127	46	1,428
17	Railway cars and locomotives	777	2	2	468	34	-	756
18	Shipbuilding	8	-	-	797	94	-	277
19	Pipes and tubes	21,209	-	-	-	-	-	2
20	Miscellaneous and unclassified	-	-	257	-	-	8	77
	Net shipments	56,741	46,457	62,530	56,677	16,789	50,072	82,401

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Two Months Ended February 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
166	15,811	18,122	2,713	348	22,286	9,618	123,295	4
								5
-	-	944	7	-	344	-	48,572	(a)
4	3,832	18,810	35	-	18,564	4,570	55,716	(b)
-	287	26,893	2,534	2,670	16,399	1,580	73,470	6
-	1,965	8,568	2,188	43	2,533	337	25,657	7
10	26,359	13,309	69	382	10,031	25,511	150,131	8
-	30	977	3	16	66,777	181	68,129	9
2	12,979	7,620	1,116	594	8,100	559	45,609	10
1	154	1,809	1,052	21	1,999	164	77,016	11
58	1,102	694	111	-	422	75	11,638	12
-	-	26	10	92	29	-	263	13
-	1,289	14,135	546	3,769	24,790	4,673	53,648	14
13	1,291	-	-	-	-	-	4,770	15
7,422	1,795	461	8	-	21	79	33,892	16
8	772	169	2	-	234	21	3,245	17
-	9,301	144	5	42	550	33	11,251	18
-	44,830	49,686	-	114	9,484	387	125,712	19
7	77	-	10	1,559	321	20	2,336	20
7,691	121,874	162,367	10,409	9,650	182,884	47,808	914,350	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	January 1963
	net tons of 2,000 pounds
Pig iron	4,861
Sponge iron	951
Steel ingots	1,621
Blooms, billets, slab steel	35,053
Iron castings, n.e.s.	1,205
Steel castings	129
Forgings, n.e.s.	1,626
Bars steel, hot rolled	4,054
Wire rods steel, hot rolled	1,192
Bars steel, cold rolled	149
Plate steel	2,045
Sheet and strip, carbon steel, hot rolled	18,669
Sheet and strip, carbon steel, cold rolled	3,332
Sheet, strip, galvanized	1,472
Sheet and strip, n.e.s.	7,208
Structural shapes	1,468
Rails	22,021
Cast iron pipe	-
Pipes and tubes, iron and steel, n.e.s.	513
Totals	107,569

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	November 1962			Eleven months ended November 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	Net tons of 2,000 pounds					
United States	17,755	2,824	1,083.7	252,737	37,205	10,645.6(1)
United Kingdom	7,382	416	263.0	98,036	2,699	3,233.2(2)
Australia	111	-	-	20,441	-	-
Austria	237	7	.7	1,314	161	.8
Belgium	13,970	-	-	135,624	2	1.1
Czechoslovakia	-	-	-	174	-	-
Denmark	2	-	-	68	-	-
Finland	-	-	-	9,926	-	-
France	6,936	-	2.4	48,250	-	61.1
Germany	11,097	14	-	67,995	103	2.7
Israel	-	-	-	44	-	-
Italy	-	-	-	225	-	-
Japan	3,819	-	98.8	58,678	36	962.1
Netherlands	167	-	-	1,885	-	-
Norway	1	-	-	515	-	-
Sweden	395	70	77.6	2,250	557	964.1
Switzerland	129	-	-	1,058	-	-
Union of South Africa ...	-	-	-	43	-	-
Totals	62,001	3,331	1,526.2	699,263	40,763	15,870.7

(1) Includes revisions for October which should have read 1,290.4 tons.

(2) Includes revisions for October which should have read 172.1 tons

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Pig iron:</u>							
Other	United States	67	-	-	84	-	-
	Finland	-	-	-	9,926	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States	-	124	12.4	555	653	164.6
Billets, blooms, slabs and sheet bar	United States	11	38	69.6	1,368	304	745.6
	United Kingdom ...	-	-	1.6	851	16	1.6
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States	-	25	-	64	502	-
Tool steel billets	United States	-	-	-	3	73	-
	United Kingdom ...	-	27	-	4	149	-
	Austria	-	-	-	-	40	-
	Sweden	-	2	-	-	2	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ...	United States	-	-	-	45	-	-
	Australia	-	-	-	9,828	-	-
	Belgium	3,310	-	-	51,878	-	-
	France	375	-	-	6,825	-	-
	Germany	4,104	-	-	19,263	-	-
	Japan	843	-	-	12,216	-	-
Hot rolled bars n.e.s.	United States	982	335	20.4	8,311	3,681	111.3
	United Kingdom ...	147	19	33.3	2,022	235	294.8
	Australia	-	-	-	505	-	-
	Austria	-	-	-	-	43	-
	Belgium	1,241	-	-	12,027	-	-
	France	270	-	-	1,316	-	-
	Germany	556	-	-	3,550	-	-
	Japan	-	-	-	896	-	2.0
	Sweden	9	50	-	72	243	15.3
Hot rolled bars for agri- cultural implements	United States	410	-	-	1,738	30	-
	United Kingdom ...	14	-	-	27	-	-
Rounds over 4 7/8", squares over 4"	United States	17	-	-	444	74	11.0
	United Kingdom ...	56	3	.4	375	40	14.5
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled	United States	2	-	-	97	-	-
	United Kingdom ...	-	-	-	5,305	-	-
	Australia	111	-	-	648	-	-
	Belgium	2,768	-	-	18,061	-	-
	France	4,273	-	-	22,473	-	-
	Germany	3,029	-	-	10,620	-	-
	Japan	159	-	-	2,493	-	-
	Netherlands	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States	48	33	17.2	576	363	127.1
	United Kingdom ...	413	23	-	2,400	25	14.1
	Australia	-	-	-	5	-	-
	Belgium	52	-	-	346	-	-
	Japan	-	-	-	217	-	-
Cold rolled bars for agri- cultural implements	United States	9	1	-	330	1	-
Bars and rods, tool steel ...	United States	122	30	-	1,573	382	-
	United Kingdom ...	3	11	-	46	211	-
	Austria	5	7	-	31	73	-
	Germany	-	2	-	-	10	-
	Japan	-	-	-	-	1	-
	Netherlands	-	-	-	22	-	-
	Sweden	1	11	-	78	215	-
<u>Plates:</u>							
Plate 60" and under in width	United States	128	55	15.8	2,851	3,841	477.3
	United Kingdom ...	80	-	52.6	1,932	33	490.1
	Australia	-	-	-	569	-	-
	Belgium	47	-	-	959	-	-
	France	-	-	-	108	-	-
	Germany	253	-	-	4,248	-	-
	Japan	222	-	10.1	4,877	-	53.0
	Sweden	-	2	17.4	15	25	175.7
Plate over 60" up to and including 100" in width ...	United States	267	224	56.9	4,308	4,395	755.0
	United Kingdom ...	299	-	26.1	1,009	-	100.4
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	-	-	-	3,210	-	-
	Japan	193	-	-	4,591	-	-
	Sweden	-	-	21.7	-	1	167.1
Plate over 100" in width	United States	330	1	22.5	2,835	140	370.2
	United Kingdom ...	2	-	-	596	-	-
	Japan	-	-	-	102	-	-
Floor plate	United States	185	-	-	2,486	-	-
	United Kingdom ...	81	-	-	2,056	-	-
	Austria	48	-	-	104	-	-
	Germany	-	-	-	35	-	-
	Japan	-	-	-	1,371	-	-
Flanged, dished, drilled or not	United States	376	-	-	3,018	-	-
	United Kingdom ...	-	-	-	1	-	-
<u>Plate, sheet and strip for saws and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground, for saws							
	United States	190	-	-	1,477	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet and strip for saws</u> <u>and for pipes and tubes -</u> <u>Concluded:</u>							
Plate, sheet or strip, not tempered or ground, for saws							
	United Kingdom ...	15	-	-	107	-	-
	Austria	-	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	1	-	-	17	-	-
	Sweden	23	-	-	167	-	-
Plate, sheet or strip, hardened, tempered or ground, for saws							
	United States	4	-	-	147	-	-
	United Kingdom ...	1	-	-	24	-	-
	Sweden	13	-	-	108	-	-
Carbon steel, hot rolled, for pipes, over 60" in width ..							
	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled, for pipes and tubes 15 3/8" or less in width							
	United Kingdom ...	-	-	-	576	-	-
	Australia	-	-	-	4,207	-	-
Carbon steel, cold rolled for, pipes and tubes							
	United States	5	-	-	22	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width							
	United States	496	6	-	4,789	180	-
	United Kingdom ...	45	-	-	578	16	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	508	-	-	3,607	-	-
	France	280	-	-	509	-	-
	Germany	94	-	-	401	-	-
	Japan	38	-	-	205	-	-
Hot rolled 24" to 51" in width							
	United States	795	2	-	6,142	68	-
	United Kingdom ...	5	-	-	46	-	-
	Australia	-	-	-	24	-	-
	Belgium	-	-	-	115	-	-
	France	-	-	-	6	-	-
	Germany	68	-	-	413	-	-
	Japan	38	-	-	999	-	-
	Union of S. Africa	-	-	-	43	-	-
Hot rolled over 51" in width							
	United States	584	27	-	9,225	163	-
	United Kingdom ...	-	-	-	148	-	-
	Germany	11	-	-	22	-	-
	Japan	22	-	-	454	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded:</u>							
Cold rolled under 24" in width	United States	378	2	-	4,175	66	-
	United Kingdom ...	68	-	-	394	2	-
	Belgium	32	-	-	120	-	-
	Germany	106	-	-	204	-	-
	Japan	-	-	-	18	-	-
	Netherlands	-	-	-	4	-	-
	Sweden	178	-	-	392	3	-
Cold rolled 24" to 51" in width	United States	789	1	-	6,027	8	-
	United Kingdom ...	54	-	-	226	-	-
	Australia	-	-	-	31	-	-
	Sweden	-	1	-	-	3	-
Cold rolled over 51" in width	United States	561	1	-	6,823	3	-
Finished for porcelain enamelling	United States	29	-	-	3,747	-	-
Tin plate primes	United States	22	-	-	307	-	-
	United Kingdom ...	74	-	-	197	-	-
Tin plate electrolytic	United States	57	-	-	540	-	-
	United Kingdom ...	-	-	-	1,924	-	-
Tin plate wasters, seconds or rejects	United States	268	-	-	986	-	-
Asbestos bonded, galvanized	United States	7	-	-	184	-	-
	United Kingdom ...	32	-	-	185	-	-
Electro-galvanized	United States	124	-	-	1,526	-	-
	United Kingdom ...	-	-	-	12	-	-
	Japan	-	-	-	2	-	-
Galvanized n.e.s.	United States	282	-	-	3,408	-	-
	United Kingdom ...	18	-	-	125	-	-
	Belgium	8	-	-	20	-	-
	Germany	-	-	-	8	-	-
	Japan	7	-	-	1,163	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States	703	-	-	8,149	-	-
	United Kingdom ...	-	-	-	90	-	-
Aluminized	United States	303	-	-	4,321	-	-
Metal coated n.e.s.	United States	62	-	-	696	-	-
	United Kingdom ...	-	-	-	27	-	-
	Germany	10	-	-	76	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded:</u>							
Coated n.e.s.	United States	768	-	-	8,238	-	-
	United Kingdom ...	69	-	-	350	-	-
	Germany	2	-	-	28	-	-
	Japan	3	-	-	3	-	-
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled stainless:							
18" and under in width 18 gauge and heavier	United States	-	-	36.8	-	-	165.8
	United Kingdom ...	-	-	-	-	-	2.3
18" and under in width lighter than 18 gauge ...	United States	-	-	-	-	-	6.1
over 18" to 60" in width, 18 gauge and heavier	United States	-	-	31.4	-	-	124.5
	United Kingdom ...	-	-	36.6	-	-	813.7
	Belgium	-	-	-	-	-	1.1
	Germany	-	-	-	-	-	.3
	Japan	-	-	-	-	-	33.9
	Sweden	-	-	16.4	-	-	472.8
over 18" to 60" in width lighter than 18 gauge ...	United States	-	-	.4	-	-	14.3
	United Kingdom ...	-	-	7.6	-	-	161.2
	Japan	-	-	25.6	-	-	25.6
over 60" in width	United States	-	-	-	-	-	4.6
	United Kingdom ...	-	-	-	-	-	2.4
	Sweden	-	-	3.0	-	-	38.3
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States	-	-	70.9	-	-	607.7
	United Kingdom ...	-	-	-	-	-	7.9
	Japan	-	-	1.0	-	-	1.0
18" and under in width lighter than 18 gauge ...	United States	-	-	95.2	-	-	1,186.2
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	-	-	-	5.9
	Sweden	-	-	-	-	-	.2
over 18" to 51" in width 18 gauge and heavier	United States	-	-	270.9	-	-	2,344.3
	United Kingdom ...	-	-	49.9	-	-	345.3
	Japan	-	-	10.5	-	-	337.1

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strips, stainless and silicon - Concluded:</u>							
over 18" to 51" in width lighter than 18 gauge ...	United States	-	-	222.7	-	-	2,145.9
	United Kingdom ...	-	-	33.9	-	-	667.6
	France	-	-	-	-	-	18.0
	Japan	-	-	23.5	-	-	341.1
over 51" in width	United States	-	-	3.9	-	-	70.5
	Japan	-	-	25.5	-	-	138.5
Electrical silicon 2.90 or more	United States	-	1,539	-	-	17,352	-
	United Kingdom ...	-	7	-	-	86	-
Electrical n.e.s.	United States	-	131	-	-	1,043	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States	1,646	-	-	26,635	-	-
	United Kingdom ...	413	-	-	5,729	-	-
Bearing piling	United States	3	-	-	5,255	-	-
	United Kingdom ...	-	-	-	887	-	-
	Belgium	523	-	-	879	-	-
	France	-	-	-	53	-	-
	Germany	-	-	-	1,137	-	-
Wide flange beams n.e.s.	United States	2,363	-	-	50,528	-	-
	United Kingdom ...	909	-	-	11,564	-	-
	Belgium	375	-	-	2,862	-	-
	Germany	51	-	-	2,186	-	-
Structural shapes large size n.e.s.	United States	673	-	-	11,748	-	-
	United Kingdom ...	590	-	-	3,203	-	-
	Belgium	324	-	-	5,214	-	-
	France	394	-	-	1,832	-	-
	Germany	1	-	-	196	-	-
	Japan	-	-	-	22	-	-
Structural shapes inter- mediate sizes n.e.s.	United States	330	-	-	3,837	-	-
	United Kingdom ...	43	-	-	761	-	-
	Australia	-	-	-	713	-	-
	Belgium	846	-	-	10,006	-	-
	France	186	-	-	1,549	-	-
	Germany	92	-	-	939	-	-
	Italy	-	-	-	6	-	-
	Japan	39	-	-	569	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded:</u>							
Structural shapes, bar sizes							
n.e.s.	United States	100	29	-	3,433	341	-
	United Kingdom ...	173	2	-	923	11	-
	Australia	-	-	-	3,646	-	-
	Belgium	2,411	-	-	17,445	-	-
	France	351	-	-	1,485	-	-
	Germany	843	-	-	5,860	-	-
	Japan	85	-	-	1,055	-	-
	Sweden	-	-	-	-	50	-
Sheet piling							
	United States	123	-	-	4,453	-	-
	United Kingdom ...	-	-	-	1,585	-	-
	Belgium	927	-	-	5,457	-	-
	France	-	-	-	103	-	-
	Germany	159	-	-	955	-	-
	Japan	-	-	-	329	-	-
Sash casement or frame sec- tions not punched, drilled nor further manufactured, for metal window frames ...							
	United States	106	-	-	1,216	-	-
	United Kingdom ...	1	-	-	359	-	-
	Belgium	153	-	-	492	-	-
<u>Rails, railway track material, steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles							
	United States	-	-	-	26	-	-
	United Kingdom ...	-	-	-	436	-	-
	Austria	-	-	-	5	-	-
Tires of steel in the rough for railway vehicles							
	United States	1	-	-	58	-	-
	United Kingdom ...	-	-	-	10	-	-
Steel wheels for railway rolling stock							
	United States	16	-	-	501	-	-
	United Kingdom ...	-	-	-	838	-	-
Rails 60 lb. and under per linear yard							
	United States	-	-	-	48	-	-
	United Kingdom ...	68	-	-	68	-	-
	Germany	-	-	-	925	-	-
Rails over 60 lb. up to and including 100 lb. per linear yard							
	United States	92	-	-	633	-	-
	United Kingdom ...	-	-	-	90	-	-
Rails over 100 lb. per linear yard							
	United States	2	-	-	853	-	-
	United Kingdom ...	-	-	-	642	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Rails, railway track material,</u>							
<u>steel wheels and tires - Concluded:</u>							
<u>Fish plates, splice bars, rail</u>							
<u>joints and tie plates, iron</u>							
<u>and steel</u>							
	United States	5	-	-	753	-	-
	United Kingdom ...	26	-	-	282	-	-
	Belgium	-	-	-	12	-	-
	Germany	11	-	-	234	-	-
<u>Railway track material n.e.s.</u>							
	United States	7	-	-	322	-	-
	United Kingdom ...	2	-	-	15	-	-
<u>Pipes and tubes:</u>							
<u>Cast iron</u>							
	United States	57	-	-	602	-	-
	United Kingdom ...	114	-	-	4,796	-	-
	Australia	-	-	-	90	-	-
	France	-	-	-	82	-	-
<u>Drill pipe</u>							
	United States	57	-	-	1,004	-	-
<u>Oil country tubing 3 1/2"</u>							
<u>O.D. and under</u>							
	United States	231	-	-	2,853	-	.4
	United Kingdom ...	-	-	-	3,164	-	-
	Austria	-	-	-	133	-	-
	France	-	-	-	178	-	-
	Germany	601	-	-	601	-	-
	Italy	-	-	-	93	-	-
	Japan	233	-	-	2,750	-	-
<u>Casing, J-55 and H-40</u>							
	United States	11	-	-	1,397	-	-
	United Kingdom ...	358	-	-	8,064	-	-
	France	-	-	-	32	-	-
	Germany	-	-	-	1,808	-	-
	Japan	907	-	-	8,875	-	-
<u>Casing, all other</u>							
	United States	-	-	-	563	-	-
	United Kingdom ...	116	-	-	412	-	-
	Japan	127	-	-	2,251	-	-
<u>Seamless hot finished:</u>							
<u>Up to and including 6 5/8"</u>							
<u>O.D.</u>							
	United States	55	3	2.3	716	89	45.3
	United Kingdom ...	1	110	-	439	221	-
	Belgium	-	-	-	8	-	-
	Germany	16	9	-	686	9	-
	Israel	-	-	-	28	-	-
	Japan	-	-	.5	853	-	.8
	Sweden	-	3	-	3	8	2.3
<u>Over 6 5/8" up to and</u>							
<u>including 10 1/2" O.D.</u>							
	United States	4	1	-	110	87	1.8
	United Kingdom ...	-	-	-	68	-	-
	Germany	-	-	-	15	-	-
	Sweden	-	-	-	1	3	-
<u>Over 10 1/2" up to and</u>							
<u>including 16" O.D.</u>							
	United States	97	1	-	2,310	27	3.0
	United Kingdom ...	-	-	-	29	-	-
	Germany	-	-	-	12	-	-
	Sweden	-	-	-	-	2	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Continued:</u>							
over 16" O.D.	United States	143	-	-	1,874	1	-
	Italy	-	-	-	102	-	-
Mechanical tubing	United States	1,221	74	12.7	16,920	1,042	59.5
	United Kingdom ...	32	9	-	371	562	20.4
	Denmark	-	-	-	5	-	-
	Germany	7	-	-	233	79	-
	Netherlands	-	-	-	3	-	-
	Sweden	109	-	-	928	1	-
For pressure parts of boilers:							
Seamless hot-finished	United States	71	23	-	1,564	905	1.7
	United Kingdom ...	91	86	-	1,831	629	-
	France	-	-	-	38	-	-
	Germany	4	3	-	1,081	3	-
	Italy	-	-	-	7	-	-
	Japan	23	-	-	29	-	4.5
Seamless cold-drawn	United States	-	-	-	100	17	1.6
	United Kingdom ...	-	20	-	27	63	-
	Germany	-	-	-	7	-	-
	Japan	-	-	-	-	35	-
Welded	United States	44	-	.4	355	4	24.1
	United Kingdom ...	413	-	-	1,831	-	49.2
	France	-	-	-	104	-	-
	Germany	-	-	-	101	-	-
	Japan	108	-	-	423	-	-
	Switzerland	107	-	-	1,010	-	-
Seamless cold drawn n.e.s.	United States	23	2	14.9	1,169	80	232.2
	United Kingdom ...	3	90	17.2	213	343	207.8
	France	-	-	2.4	6	-	32.8
	Germany	-	-	-	139	-	.1
	Japan	-	-	2.1	36	-	11.0
Welded:	Sweden	16	-	4.3	181	-	44.5
4 1/2" O.D. and under n.e.s.	United States	257	-	40.0	2,286	-	256.8
	United Kingdom ...	170	-	.6	8,340	-	6.5
	Belgium	131	-	-	365	-	-
	France	673	-	-	9,249	-	-
	Germany	127	-	-	2,530	-	-
	Israel	-	-	-	16	-	-
	Japan	82	-	-	1,368	-	.9
	Netherlands	3	-	-	9	-	-
	Norway	-	-	-	386	-	-
	Sweden	19	-	7.6	33	-	13.3
Over 4 1/2" up to and including 16" O.D.	United States	53	-	20.1	555	-	97.8
	United Kingdom ...	-	-	-	16	-	-
	Germany	43	-	-	320	-	-
	Japan	17	-	-	175	-	-
	Sweden	-	-	-	6	-	8.8
	Switzerland	-	-	-	14	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
Welded - Concluded:							
Over 16" O.D.	United States	63	-	1.1	363	3	6.6
	United Kingdom ...	-	-	-	7	-	-
	Germany	-	-	-	329	-	-
Spiral welded	United States	28	-	-	1,172	-	-
	Germany	-	-	-	51	-	-
Conduit	United States	1	-	-	58	-	-
<u>Wire and wire products:</u>							
Welding rods, steel	United States	75	48	32.6	563	742	300.6
	United Kingdom ...	127	2	-	994	46	-
	Austria	-	-	.7	-	2	.8
	Belgium	-	-	-	3	2	-
	Germany	-	-	-	9	2	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	.3	95	-	10.8
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States	58	66	3.0	381	500	43.9
	United Kingdom ...	-	2	-	8	2	-
Wire n.e.s.	United States	141	2	6.8	1,357	45	84.7
	United Kingdom ...	118	5	3.2	1,010	9	33.4
	Austria	113	-	-	857	-	-
	Belgium	149	-	-	3,152	-	-
	Czechoslovakia ...	-	-	-	174	-	-
	France	7	-	-	1,237	-	-
	Germany	17	-	-	367	-	.5
	Japan	100	-	-	1,264	-	3.8
	Netherlands	-	-	-	646	-	-
	Norway	-	-	-	1	-	-
	Sweden	27	1	6.9	169	1	15.0
Galvanized fencing wire	United Kingdom ...	495	-	-	1,373	-	-
	Belgium	-	-	-	507	-	-
	France	55	-	-	82	-	-
	Germany	184	-	-	555	-	-
	Japan	-	-	-	66	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States	18	-	-	333	-	-
	United Kingdom ...	57	-	-	852	-	-
	Austria	71	-	-	183	-	-
	Belgium	90	-	-	1,413	-	-
	France	16	-	-	321	-	-
	Germany	80	-	-	395	-	-
	Italy	-	-	-	14	-	-
	Japan	69	-	-	882	-	-
	Netherlands	45	-	-	149	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	November 1962			Eleven months ended November 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products -</u>							
<u>Concluded:</u>							
Coated or covered with any							
material n.e.s.	United States	33	-	2.7	372	-	49.3
	United Kingdom ...	6	-	-	162	-	-
	Belgium	-	-	-	26	-	-
	Germany	-	-	-	7	-	-
	Italy	-	-	-	3	-	-
	Japan	-	-	-	10	-	-
	Netherlands	-	-	-	2	-	-
Wire rope							
	United States	56	-	.1	1,490	-	4.3
	United Kingdom ...	338	-	-	2,973	-	-
	Belgium	75	-	-	390	-	-
	Denmark	2	-	-	61	-	-
	France	56	-	-	645	-	-
	Germany	70	-	-	550	-	-
	Japan	60	-	-	1,643	-	-
	Netherlands	119	-	-	982	-	-
	Norway	1	-	-	128	-	-
	Sweden	-	-	-	2	-	-
	Switzerland	22	-	-	34	-	-
Wire, steel, spring for							
mattresses, cushions or							
upholstery	United States	-	-	-	132	-	-
	Denmark	-	-	-	2	-	-
	Japan	75	-	-	1,437	-	-
Wire, steel, valued at not							
less than 2 3/4 cents per							
pound for wire rope	United States	110	-	-	224	-	-
	United Kingdom ...	1,242	-	-	12,031	-	-
	Belgium	-	-	-	114	-	-
	France	-	-	-	11	-	-
	Germany	557	-	-	3,516	-	-
	Japan	369	-	-	2,712	-	-
Totals		62,001	3,331	1,526.2	699,263	40,763	15,870.7

Doc
CATALOGUE No.

41-001

MONTHLY

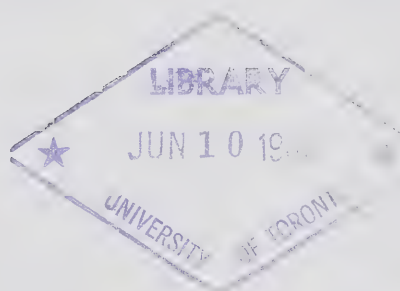


CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

MARCH 1963



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

May 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 3

TABLE 1. Description of Iron Blast Furnaces(1) at End of March 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	14	5,013,100	86.4
Banked	-	-	-
Blown out	3	791,800	13.6
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	March 1963	Three months ended March 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	83,405	188,932
From foreign mines	173,806	466,295
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	184,542	437,156
From foreign mines	174,028	552,663
From own processing	146,600	441,906
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	14,769	41,958
Scrap iron and steel	4,961	12,377
Limestone	70,636	187,596
Dolomite	29,223	84,492
Coke	300,253	819,758

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys March

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	382,390	1,933	404,397	3,754
Foundry (including silvery pig)(2)	23,183	15,202	2,958	7,113
Malleable	41,412	15,649	43,662	16,508
Total pig iron	446,985	32,784	451,017	27,375
Ferro-alloys	11,236	11,175	11,024	10,754
Stocks of pig iron on hand at end of month	418,629		198,785	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Three Months Ended March

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	1,084,115	6,611	1,107,002	11,363
Foundry (including silvery pig)(2)	83,807	39,252	13,420	16,395
Malleable	91,074	49,063	117,769	45,138
Total pig iron	1,258,996	94,926	1,238,191	72,896
Ferro-alloys	29,929	28,241	32,650	29,731

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,045,000
Electric	931,000
Oxygen	2,100,000
Total ingots	8,076,000
Steel castings	538,000
Total ingots and castings	8,614,000

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	March		Three months ended March	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	378,620	413,357	1,073,117	1,145,627
Scrap - Own make	167,292	182,164	475,132	560,507
Purchased	130,772	160,106	378,304	452,086
Total pig iron and scrap	676,684	755,627	1,926,553	2,158,220

TABLE 7. Production and Shipments of Steel Ingots and Castings, March

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	532,915	802	601,761	618
Electric	59,251	7,728	65,354	2,446
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	592,166	8,530	667,115	3,064
Alloy steel ingots included in above	26,526	974	28,300	1,203
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	360	360	521	521
Electric	10,284	11,708	10,612	8,945
Other	-	-	-	-
Total steel castings	10,644	12,068	11,133	9,466
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	262	298	280	288
High alloy, manganese and abrasion resistant ...	1,889	1,776	1,409	1,562
All other alloys	331	303	552	375
Total alloy castings	2,482	2,377	2,241	2,225

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Three Months Ended March

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	1,515,204	1,144	1,711,016	1,005
Electric	166,916	23,550	181,279	11,966
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	1,682,120	24,694	1,892,295	12,971
Alloy steel ingots included in above	78,912	2,355	96,911	9,893
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	903	903	1,372	1,374
Electric	29,627	29,458	28,629	26,797
Other	-	-	-	-
Total steel castings	30,530	30,361	30,001	28,171
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	821	724	718	701
High alloy, manganese and abrasion resistant ...	4,811	4,689	4,549	4,853
All other alloys	876	861	1,572	1,435
Total alloy castings	6,508	6,274	6,839	6,989

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments (1) of Steel Castings

	March 1963		Three months ended March 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	100
All other	75	218	260	686
Automotive industries	386	22	1,042	72
Agricultural, including implement and equipment manufacturers	78	20	237	72
Machinery and tools	1,685	402	3,918	1,371
Mining, lumbering and quarrying industries	865	896	2,409	2,554
Oil and gas, including refineries	34	60	135	89
National defence	17	21	42	39
Public works and public utilities	52	37	144	150
Railway operating	3,451	205	11,500	719
Railway cars and locomotives	383	24	841	147
Shipbuilding	53	19	137	53
Miscellaneous and unclassified	162	301	517	937
Total shipments	7,241	2,225	21,182	6,989

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. A of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	573,624	10,209	583,833
March	451,017	11,024	667,115	11,133	678,248
April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, March

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	18,055	13,702	19,562	14,230
Over 4 1/2" outside diameter (including all sizes of casing)	16,932	16,387	30,244	33,453
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	6,526	8,868	7,286	6,534
Totals	41,513	38,957	57,092	54,217
<u>Steel pipe fittings:</u>				
Buttwelding fittings	97	152	183	166
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	453	491	551	552
Totals	550	643	734	718

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Three Months Ended March

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	46,172	37,641	44,716	39,233
Over 4 1/2 " outside diameter (including all sizes of casing)	36,555	35,544	73,856	75,321
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	17,411	20,442	20,891	19,856
Totals	100,138	93,627	139,463	134,410
<u>Steel pipe fittings:</u>				
Buttwelding fittings	267	295	404	412
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	1,204	1,448	1,518	1,648
Totals	1,471	1,743	1,922	2,060

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, March 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	14,598	10,247	10,247	-
For forging and piercing	16,554	14,963	-	14,963
Rails	35,886	43,960	-	43,960
Wire rods	33,251	29,237	-	29,237
Structural shapes:				
Heavy, including piling	34,290	31,908	-	31,908
Light	8,457	8,052	-	8,052
Concrete reinforcing bars	34,064	26,905	-	26,905
Other hot rolled bars	43,119	41,305	4,603	36,702
Tie plates and track material:				
Angle bars	2,070	1,849	-	1,849
Tie plates	8,161	7,258	-	7,258
Track spikes	1,129	1,295	-	1,295
Plates (including plates for pipes and tubes)	62,511	61,441	-	61,441
Hot rolled sheets and strip	241,472	243,605	163,559	80,046
Total hot rolled products ..	535,562	522,025	178,409	343,616
<u>Cold rolled and coated:</u>				
Cold finished bars	4,950	4,703	-	4,703
Cold reduced strip	6,143	5,580	-	5,580
Cold reduced sheets, tin mill black plate and tin plate	165,080	159,996	65,518	94,478
Galvanized sheets	28,099	27,198	-	27,198
Total cold rolled and coated .	204,272	197,477	65,518	131,959
Total carbon steel	739,834	719,502	243,927	475,575
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	1,185	1,179	-	1,179
Alloy plates	89	1,036	-	1,036
Other hot rolled bars, including high-speed steel and other alloy tool steel	9,955	8,456	76	8,380
Structurals	-	-	-	-
Cold finished bars	587	670	-	670
Wire rods	212	234	-	234
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,908	2,946	-	2,946
Total alloy steel	14,936	14,521	76	14,445

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Three Months Ended March 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	56,769	53,553	28,031	25,522
For forging and piercing	44,825	43,519	-	43,519
Rails	90,104	90,417	-	90,417
Wire rods	96,069	91,348	-	91,348
Structural shapes:				
Heavy, including piling	95,167	88,585	-	88,585
Light	24,520	24,841	-	24,841
Concrete reinforcing bars	93,335	76,977	-	76,977
Other hot rolled bars	122,026	110,949	12,193	98,756
Tie plates and track material:				
Angle bars	3,105	2,763	-	2,763
Tie plates	14,248	13,018	-	13,018
Track spikes	2,111	2,312	-	2,312
Plates (including plates for pipes and tubes)	184,234	183,260	-	183,260
Hot rolled sheets and strip	706,032	715,470	477,195	238,275
Total hot rolled products ..	1,532,545	1,497,012	517,419	979,593
<u>Cold rolled and coated:</u>				
Cold finished bars	13,860	13,742	-	13,742
Cold reduced strip	16,455	15,230	-	15,230
Cold reduced sheets, tin mill black plate and tin plate	459,283	460,820	185,933	274,887
Galvanized sheets	75,797	75,006	-	75,006
Total cold rolled and coated .	565,395	564,798	185,933	378,865
Total carbon steel	2,097,940	2,061,810	703,352	1,358,458
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	25	25	25	-
For forging and piercing	3,838	3,842	-	3,842
Alloy plates	200	1,091	-	1,091
Other hot rolled bars, including high-speed steel and other alloy tool steel	28,845	29,045	318	28,727
Structurals	-	-	-	-
Cold finished bars	1,921	2,040	-	2,040
Wire rods	619	653	-	653
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	9,604	9,559	-	9,559
Total alloy steel	45,052	46,255	343	45,912

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		March 1963		Three months ended March 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	69,217	737	191,452	1,797
5	Direct export:				
	(a) British Commonwealth	15,165	383	62,557	1,563
	(b) All other	32,330	1,422	84,300	5,168
6	Automotive industries	28,882	4,976	88,964	18,364
7	Agricultural, including implement and equipment manufacturers	13,596	361	38,613	1,001
8	Building construction	83,304	1,022	233,246	1,211
9	Container industry	33,681	170	101,548	432
10	Machinery and tools	19,675	2,864	59,794	8,354
11	Merchant trade products	36,627	817	111,618	2,842
12	Mining, lumbering, etc.	5,142	1,130	14,392	3,518
13	National defence	374	15	562	90
14	Pressing, forming and stamping	28,552	441	81,285	1,356
15	Public works and utilities	1,076	-	5,846	-
16	Railway operating	39,465	21	73,290	88
17	Railway cars and locomotives	1,211	-	4,456	-
18	Shipbuilding	5,261	10	16,472	50
19	Pipes and tubes	60,770	76	186,480	78
20	Miscellaneous and unclassified	1,247	-	3,583	-
	Net shipments	475,575	14,445	1,358,458	45,912

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	27	110	433	10,816	3,354	7,311	9,608
5	Direct export:							
	(a) British Commonwealth	-	14,862	38	-	-	-	52
	(b) All other	228	758	149	435	-	600	2,011
6	Automotive industries .	3,526	-	107	111	116	-	8,258
7	Agricultural, etc.	49	-	13	395	759	-	5,749
8	Building construction .	-	65	537	18,096	2,613	16,426	3,044
9	Container industry	-	-	-	-	-	-	3
10	Machinery and tools ...	1,292	57	176	437	179	532	4,792
11	Merchant trade	332	-	27,941	19	148	900	5,075
12	Mining, lumbering, etc.	162	402	54	283	5	-	4,003
13	National defence	4	-	-	-	-	319	8
14	Pressing, forming and stamping	135	-	17	83	740	-	1,230
15	Public works and utilities	-	-	-	250	-	813	13
16	Railway operating	11	27,706	6	115	59	-	505
17	Railway cars and locomotives	427	-	-	75	34	-	419
18	Shipbuilding	3	-	-	793	42	-	170
19	Pipes and tubes	9,946	-	-	-	-	-	1
20	Miscellaneous and unclassified	-	-	-	-	3	4	141
	Net shipments	16,142	43,960	29,471	31,908	8,052	26,905	45,082

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, March 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
70	10,202	9,625	1,211	182	10,463	6,542	69,954	4
								5
-	-	334	-	-	262	-	15,548	(a)
-	2,602	10,401	3	-	13,632	2,933	33,752	(b)
-	316	9,629	1,487	1,700	7,686	922	33,858	6
-	933	3,444	928	23	1,514	150	13,957	7
-	17,260	6,499	32	263	5,699	13,792	84,326	8
-	-	534	2	8	33,217	87	33,851	9
1	6,231	3,688	706	385	3,801	262	22,539	10
2	14	1,328	597	52	966	70	37,444	11
210	727	178	71	-	144	33	6,272	12
-	20	11	1	34	- 8	-	389	13
-	771	8,206	330	1,868	13,573	2,040	28,993	14
-	-	-	-	-	-	-	1,076	15
10,119	803	150	2	-	7	3	39,486	16
-	144	112	-	-	-	-	1,211	17
-	3,942	157	2	-	25	137	5,271	18
-	18,512	27,616	1	25	4,543	202	60,846	19
-	-	-	-	1,040	34	25	1,247	20
10,402	62,477	81,912	5,373	5,580	95,558	27,198	490,020	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three Months Ended March 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	27	369	1,203	27,900	8,956	21,896	25,539
5	Direct export:							
	(a) British Commonwealth	25,522	36,254	38	79	-	-	336
	(b) All other	1,165	1,880	676	1,037	83	3,669	5,572
6	Automotive industries .	8,561	-	251	240	320	-	25,853
7	Agricultural, etc.	62	-	32	1,828	2,237	-	12,829
8	Building construction .	-	376	3,163	51,774	8,820	43,701	7,407
9	Container industry	-	-	35	-	-	-	113
10	Machinery and tools ...	3,302	269	712	1,305	759	1,387	14,370
11	Merchant trade	1,171	-	85,443	208	433	1,772	17,204
12	Mining, lumbering, etc.	228	1,314	122	1,011	66	54	11,290
13	National defence	6	-	-	-	-	373	58
14	Pressing, forming and stamping	439	-	36	382	2,774	13	3,007
15	Public works and utilities	-	-	-	359	-	4,054	129
16	Railway operating	30	49,953	31	329	186	46	1,933
17	Railway cars and locomotives	1,204	2	2	543	68	-	1,175
18	Shipbuilding	11	-	-	1,590	136	-	447
19	Pipes and tubes	31,155	-	-	-	-	-	3
20	Miscellaneous and unclassified	-	-	257	-	3	12	218
	Net shipments	72,883	90,417	92,001	88,585	24,841	76,977	127,483

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Three Months Ended March 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
236	26,013	27,747	3,924	530	32,749	16,160	193,249	4
								5
-	-	1,278	7	-	606	-	64,120	(a)
4	6,434	29,211	38	-	32,196	7,503	89,468	(b)
-	603	36,522	4,021	4,370	24,085	2,502	107,328	6
-	2,898	12,012	3,116	66	4,047	487	39,614	7
10	43,619	19,808	101	645	15,730	39,303	234,457	8
-	30	1,511	5	24	99,994	268	101,980	9
3	19,210	11,308	1,822	979	11,901	821	68,148	10
3	168	3,137	1,649	73	2,965	234	114,460	11
268	1,829	872	182	-	566	108	17,910	12
-	20	37	11	126	21	-	652	13
-	2,060	22,341	876	5,637	38,363	6,713	82,641	14
13	1,291	-	-	-	-	-	5,846	15
17,541	2,598	611	10	-	28	82	73,378	16
8	916	281	2	-	234	21	4,456	17
-	13,243	301	7	42	575	170	16,522	18
-	63,342	77,302	1	139	14,027	589	186,558	19
7	77	-	10	2,599	355	45	3,583	20
18,093	184,351	244,279	15,782	15,230	278,442	75,006	1,404,370	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	February 1963	Two months ended February 1963
	net tons of 2,000 pounds	
Pig iron	3,171	8,032
Sponge iron	402	1,353
Steel ingots	1,293	2,914
Blooms, billets, slab steel	15,824	50,877
Iron castings, n.e.s.	788	1,993
Steel castings	141	270
Forgings, n.e.s.	955	2,581
Bars steel, hot rolled	1,940	5,994
Wire rods steel, hot rolled	177	1,369
Bars steel, cold rolled	188	337
Plate steel	1,990	4,035
Sheet and strip, carbon steel, hot rolled	11,533	30,202
Sheet and strip, carbon steel, cold rolled	3,299	6,631
Sheet, strip, galvanized	2,074	3,546
Sheet and strip, n.e.s.	7,401	14,609
Structural shapes	1,428	2,896
Rails	938	22,959
Cast iron pipe	-	-
Pipes and tubes, iron and steel, n.e.s.	2,049	2,562
Totals	55,591	163,160

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel, by Country

Country	December 1962			Twelve months ended December 1962		
	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
	net tons of 2,000 pounds					
United States	16,894	2,870	963.3	267,651(1)	40,075	11,608.9
United Kingdom	3,969	234	111.6	102,005	2,933	3,344.8
Australia	220	-	-	20,661	-	-
Austria	58	45	-	1,372	206	.8
Belgium	8,481	-	-	144,105	2	1.1
Czechoslovakia	110	-	-	284	-	-
Denmark	1	-	-	69	-	-
Finland	-	-	-	9,926	-	-
France	4,728	-	-	52,978	-	61.1
Germany	5,853	7	-	73,848	110	2.7
Israel	-	-	-	44	-	-
Italy	-	-	-	225	-	-
Japan	4,013	106	98.0	62,691	142	1,060.1
Netherlands	78	-	-	1,963	-	-
Norway	-	-	-	515	-	-
Sweden	126	206	52.5	2,376	763	1,016.6
Switzerland	198	-	-	1,256	-	-
Union of South Africa	-	-	-	43	-	-
Totals	44,729	3,468	1,225.4	742,012(1)	44,231	17,096.1

(1) Includes revision for August which should have read 470 tons.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pig iron:</u>							
Other	United States ...	98	-	-	182	-	-
	Finland	-	-	-	9,926	-	-
<u>Ingots and semi-finished:</u>							
Ingots	United States ...	73	287	10.3	628	940	174.9
Billets, blooms, slabs and sheet bar	United States ...	151	24	11.6	1,519	328	757.2
	United Kingdom ..	-	-	-	851	16	1.6
	Germany	-	-	-	156	-	-
	Japan	-	-	-	-	-	1.5
Tool steel ingots	United States ...	-	25	-	64	527	-
Tool steel billets	United States ...	-	-	-	3	73	-
	United Kingdom ..	-	1	-	4	150	-
	Austria	-	15	-	-	55	-
	Sweden	-	3	-	-	5	-
<u>Bars and rods:</u>							
Concrete reinforcing bars ...	United States ...	11	-	-	56	-	-
	Australia	-	-	-	9,828	-	-
	Belgium	1,194	-	-	53,072	-	-
	France	327	-	-	7,152	-	-
	Germany	255	-	-	19,518	-	-
	Japan	1,359	-	-	13,575	-	-
Hot rolled bars n.e.s.	United States ...	857	396	43.0	9,168	4,077	154.3
	United Kingdom ..	183	35	22.3	2,205	270	317.1
	Australia	-	-	-	505	-	-
	Austria	-	-	-	-	43	-
	Belgium	942	-	-	12,969	-	-
	France	116	-	-	1,432	-	-
	Germany	171	-	-	3,721	-	-
	Japan	38	-	-	934	-	2.0
	Sweden	-	125	-	72	368	15.3
Hot rolled bars for agri- cultural implements	United States ...	218	68	-	1,956	98	-
	United Kingdom ..	-	-	-	27	-	-
Rounds over 4 7/8", squares over 4"	United States ...	51	4	.6	495	78	11.6
	United Kingdom ..	57	6	1.5	432	46	16.0
	Austria	-	-	-	-	1	-
Wire rods, steel, hot rolled	United States ...	1	-	-	98	-	-
	United Kingdom ..	606	-	-	5,911	-	-
	Austria	-	-	-	648	-	-
	Belgium	1,958	-	-	20,019	-	-
	France	2,965	-	-	25,438	-	-
	Germany	4,061	-	-	14,681	-	-
	Japan	60	-	-	2,553	-	-
	Netherlands	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Bars and rods - Concluded:</u>							
Cold rolled bars n.e.s.	United States ...	59	26	5.0	635	389	132.1
	United Kingdom ..	30	-	-	2,430	25	14.1
	Australia	67	-	-	72	-	-
	Belgium	8	-	-	354	-	-
	Japan	-	-	2.0	217	-	2.0
Cold rolled bars for agri- cultural implements	United States ...	76	6	-	406	7	-
Bars and rods, tool steel ...	United States ...	236	33	-	1,809	415	-
	United Kingdom ..	6	7	-	52	218	-
	Austria	7	29	-	38	102	-
	Germany	-	-	-	-	10	-
	Japan	-	-	-	-	1	-
	Netherlands	-	-	-	22	-	-
	Sweden	3	60	-	81	275	-
<u>Plates:</u>							
Plate 60" and under in width	United States ...	283	87	22.0	3,134	3,928	499.3
	United Kingdom ..	4	6	25.9	1,936	39	516.0
	Australia	153	-	-	722	-	-
	Austria	34	-	-	34	-	-
	Belgium	5	-	-	964	-	-
	France	-	-	-	108	-	-
	Germany	97	-	-	4,345	-	-
	Japan	-	-	-	4,877	-	53.0
	Sweden	1	11	7.7	16	36	183.4
Plate over 60" up to and including 100" in width ...	United States ...	467	109	42.3	4,775	4,504	797.3
	United Kingdom ..	95	-	-	1,104	-	100.4
	Australia	-	-	-	143	-	-
	Belgium	-	-	-	146	-	-
	Germany	13	-	-	3,223	-	-
	Japan	-	-	-	4,591	-	-
	Sweden	-	-	10.8	-	1	177.9
Plate over 100" in width	United States ...	203	57	3.3	3,038	197	373.5
	United Kingdom ..	-	-	-	596	-	-
	Japan	-	-	-	102	-	-
Floor plate	United States ...	97	-	-	2,583	-	-
	United Kingdom ..	187	-	-	2,243	-	-
	Austria	11	-	-	115	-	-
	Germany	-	-	-	35	-	-
	Japan	22	-	-	1,393	-	-
Flanged, dished, drilled or not	United States ...	166	-	-	3,184	-	-
	United Kingdom ..	-	-	-	1	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Plate, sheet and strip for saws</u> <u>and for pipes and tubes:</u>							
Plate, sheet or strip, not tempered or ground, for saws							
	United States ...	112	-	-	1,589	-	-
	United Kingdom ..	-	-	-	107	-	-
	Austria	-	-	-	1	-	-
	France	-	-	-	6	-	-
	Germany	-	-	-	17	-	-
	Sweden	24	-	-	191	-	-
Plate, sheet or strip, hardened, tempered or ground for saws							
	United States ...	6	-	-	153	-	-
	United Kingdom ..	1	-	-	25	-	-
	Sweden	10	-	-	118	-	-
Carbon steel hot rolled for pipes over 60" in width ...							
	Japan	-	-	-	2,322	-	-
Carbon steel, hot rolled for pipes and tubes 15 3/8" or less in width							
	United Kingdom ..	-	-	-	576	-	-
	Australia	-	-	-	4,207	-	-
Carbon steel, cold rolled, for pipes and tubes							
	United States ...	-	-	-	22	-	-
<u>Sheets and strip (except</u> <u>stainless):</u>							
Hot rolled under 24" in width							
	United States ...	464	53	-	5,253	233	-
	United Kingdom ..	-	-	-	578	16	-
	Australia	-	-	-	32	-	-
	Austria	-	-	-	-	2	-
	Belgium	151	-	-	3,758	-	-
	France	65	-	-	574	-	-
	Germany	20	-	-	421	-	-
	Japan	-	-	-	205	-	-
Hot rolled 24" to 51" in width							
	United States ...	426	3	-	6,568	71	-
	United Kingdom ..	-	-	-	46	-	-
	Australia	-	-	-	24	-	-
	Austria	6	-	-	6	-	-
	Belgium	-	-	-	115	-	-
	France	-	-	-	6	-	-
	Germany	-	-	-	413	-	-
	Japan	-	-	-	999	-	-
	Union of South Africa	-	-	-	43	-	-
Hot rolled over 51" in width							
	United States ...	347	35	-	9,572	198	-
	United Kingdom ..	14	-	-	162	-	-
	Germany	-	-	-	22	-	-
	Japan	-	-	-	454	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Sheets and strip (except stainless) - Concluded:</u>							
Cold rolled under 24" in width	United States ...	268	9	-	4,443	75	-
	United Kingdom ..	118	-	-	512	2	-
	Belgium	38	-	-	158	-	-
	Germany	-	-	-	204	-	-
	Japan	6	-	-	24	-	-
	Netherlands	1	-	-	5	-	-
	Sweden	5	-	-	397	3	-
Cold rolled 24" to 51" in width	United States ...	473	-	-	6,500	8	-
	United Kingdom ..	7	-	-	233	-	-
	Australia	-	-	-	31	-	-
	Sweden	-	-	-	-	3	-
Cold rolled over 51" in width	United States ...	728	-	-	7,551	3	-
Finished for porcelain enamelling	United States ...	245	-	-	3,992	-	-
Tin plate primes	United States ...	10	-	-	317	-	-
	United Kingdom ..	21	-	-	218	-	-
Tin plate electrolytic	United States ...	74	-	-	614	-	-
	United Kingdom ..	-	-	-	1,924	-	-
Tin plate, wasters, seconds or rejects	United States ...	134	-	-	1,120	-	-
Asbestos bonded, galvanized	United States ...	22	-	-	206	-	-
	United Kingdom ..	26	-	-	211	-	-
Electro-galvanized ,.....	United States ...	30	-	-	1,556	-	-
	United Kingdom ..	2	-	-	14	-	-
	Japan	-	-	-	2	-	-
Galvanized n.e.s.	United States ...	153	-	-	3,561	-	-
	United Kingdom ..	9	-	-	134	-	-
	Belgium	-	-	-	20	-	-
	Germany	-	-	-	8	-	-
	Japan	30	-	-	1,193	-	-
Coated with lead or with an alloy of lead and tin (terneplate)	United States ...	586	-	-	8,735	-	-
	United Kingdom ..	-	-	-	90	-	-
Aluminized	United States ...	519	-	-	4,840	-	-
Metal coated n.e.s.	United States ...	61	-	-	757	-	-
	United Kingdom ..	1	-	-	28	-	-
	Germany	11	-	-	87	-	-
Coated n.e.s.	United States ...	454	-	-	8,692	-	-
	United Kingdom ..	22	-	-	372	-	-
	Germany	4	-	-	32	-	-
	Japan	-	-	-	3	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon:</u>							
Hot rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	1.4	-	-	167.2
	United Kingdom ..	-	-	.3	-	-	2.6
18" and under in width lighter than 18 gauge ...	United States ...	-	-	-	-	-	6.1
Over 18" to 60" in width 18 gauge and heavier	United States ...	-	-	151.8	-	-	276.3
	United Kingdom ..	-	-	29.0	-	-	842.7
	Belgium	-	-	-	-	-	1.1
	Germany	-	-	-	-	-	.3
	Japan	-	-	28.8	-	-	62.7
	Sweden	-	-	14.4	-	-	487.2
Over 18" to 60" in width lighter than 18 gauge ...	United States ...	-	-	1.1	-	-	15.4
	United Kingdom ..	-	-	7.1	-	-	168.3
	Japan	-	-	-	-	-	25.6
Over 60" in width	United States ...	-	-	1.2	-	-	5.8
	United Kingdom ..	-	-	-	-	-	2.4
	Sweden	-	-	16.4	-	-	54.7
Cold rolled stainless:							
18" and under in width 18 gauge and heavier	United States ...	-	-	60.5	-	-	668.2
	United Kingdom ..	-	-	-	-	-	7.9
	Japan	-	-	-	-	-	1.0
18" and under in width lighter than 18 gauge ...	United States ...	-	-	137.6	-	-	1,323.8
	France	-	-	-	-	-	10.3
	Germany	-	-	-	-	-	1.8
	Japan	-	-	2.5	-	-	8.4
	Sweden	-	-	-	-	-	.2
Over 18" to 51" in width 18 gauge and heavier	United States ...	-	-	183.4	-	-	2,527.7
	United Kingdom ..	-	-	9.9	-	-	355.2
	Japan	-	-	33.8	-	-	370.9
Over 18" to 51" in width lighter than 18 gauge ...	United States ...	-	-	188.8	-	-	2,334.7
	United Kingdom ..	-	-	7.6	-	-	675.2
	France	-	-	-	-	-	18.0
	Japan	-	-	26.3	-	-	367.4
Over 51" in width	United States ...	-	-	5.7	-	-	76.2
	Japan	-	-	-	-	-	138.5

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Sheets and strip, stainless and silicon - Concluded:</u>							
Cold rolled stainless - Concluded:							
Electrical, silicon 2.90 or more	United States ...	-	1,404	-	-	18,756	-
	United Kingdom ..	-	-	-	-	86	-
Electrical n.e.s.	United States ...	-	48	-	-	1,091	-
<u>Structurals and sections:</u>							
Wide flange beams over 24" in depth or web	United States ...	1,497	-	-	28,132	-	-
	United Kingdom ..	285	-	-	6,014	-	-
Bearing piling	United States ...	-	-	-	5,255(1)	-	-
	United Kingdom ..	-	-	-	887	-	-
	Belgium	23	-	-	902	-	-
	France	-	-	-	53	-	-
	Germany	-	-	-	1,137	-	-
Wide flange beams n.e.s.	United States ...	2,284	-	-	52,812	-	-
	United Kingdom ..	216	-	-	11,780	-	-
	Belgium	279	-	-	3,141	-	-
	Germany	413	-	-	2,599	-	-
Structural shapes large size n.e.s.	United States ...	784	-	-	12,532	-	-
	United Kingdom ..	150	-	-	3,353	-	-
	Belgium	30	-	-	5,244	-	-
	France	5	-	-	1,837	-	-
	Germany	-	-	-	196	-	-
	Japan	-	-	-	22	-	-
Structural shapes inter- mediate sizes n.e.s.	United States ...	506	-	-	4,343	-	-
	United Kingdom ..	2	-	-	763	-	-
	Australia	-	-	-	713	-	-
	Belgium	539	-	-	10,545	-	-
	France	150	-	-	1,699	-	-
	Germany	38	-	-	977	-	-
	Italy	-	-	-	6	-	-
	Japan	-	-	-	569	-	-
Structural shapes, bar sizes n.e.s.	United States ...	327	4	-	3,760	345	-
	United Kingdom ..	-	1	-	923	12	-
	Australia	-	-	-	3,646	-	-
	Belgium	1,030	-	-	18,475	-	-
	France	309	-	-	1,794	-	-
	Germany	223	-	-	6,083	-	-
	Japan	25	-	-	1,080	-	-
	Sweden	-	5	-	-	55	-

(1) Includes revision for August which should have read 470 tons.

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Structurals and sections -</u>							
<u>Concluded:</u>							
Sheet piling	United States ...	258	-	-	4,711	-	-
	United Kingdom ..	-	-	-	1,585	-	-
	Belgium	2,111	-	-	7,568	-	-
	France	-	-	-	103	-	-
	Germany	-	-	-	955	-	-
	Japan	-	-	-	329	-	-
Sash, casement or frame sec- tions not punched, drilled nor further manufactured, for metal window frames ...	United States ...	39	-	-	1,255	-	-
	United Kingdom ..	39	-	-	398	-	-
	Belgium	41	-	-	533	-	-
<u>Rails, railway track material,</u>							
<u>steel wheels and tires:</u>							
Axles, axle bars, axle blanks and parts for railway vehicles	United States ...	-	-	-	26	-	-
	United Kingdom ..	-	-	-	436	-	-
	Austria	-	-	-	5	-	-
Tires of steel, in the rough for railway vehicles	United States ...	3	-	-	61	-	-
	United Kingdom ..	-	-	-	10	-	-
Steel wheels for railway rolling stock	United States ...	6	-	-	507	-	-
	United Kingdom ..	-	-	-	838	-	-
Rails 60 lb. and under per linear yard	United States ...	2	-	-	50	-	-
	United Kingdom ..	5	-	-	73	-	-
	Germany	74	-	-	999	-	-
Rails over 60 lb. up to and including 100 lb. per linear yard	United States ...	42	-	-	675	-	-
	United Kingdom ..	-	-	-	90	-	-
Rails over 100 lb. per linear yard	United States ...	2	-	-	855	-	-
	United Kingdom ..	-	-	-	642	-	-
Fish plates, splice bars, rail joints and tie plates, iron and steel	United States ...	10	-	-	763	-	-
	United Kingdom ..	-	-	-	282	-	-
	Belgium	-	-	-	12	-	-
	Germany	1	-	-	235	-	-
Railway track material n.e.s.	United States ...	37	-	-	359	-	-
	United Kingdom ..	-	-	-	15	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes:</u>							
Cast iron	United States ...	109	-	-	711	-	-
	United Kingdom ..	11	-	-	4,807	-	-
	Australia	-	-	-	90	-	-
	France	-	-	-	82	-	-
Drill pipe	United States ...	286	-	-	1,290	-	-
Oil country tubing 3 1/2"							
O.D. and under	United States ...	317	-	-	3,170	-	.4
	United Kingdom ..	-	-	-	3,164	-	-
	Austria	-	-	-	133	-	-
	France	-	-	-	178	-	-
	Germany	-	-	-	601	-	-
	Italy	-	-	-	93	-	-
	Japan	129	-	-	2,879	-	-
Casing, J-55 and H-40	United States ...	-	-	-	1,397	-	-
	United Kingdom ..	68	-	-	8,132	-	-
	France	-	-	-	32	-	-
	Germany	87	-	-	1,895	-	-
	Japan	1,653	-	-	10,528	-	-
Casing, all other	United States ...	-	-	-	563	-	-
	United Kingdom ..	-	-	-	412	-	-
	Japan	218	-	-	2,469	-	-
<u>Seamless hot-finished:</u>							
Up to and including 6 5/8"							
O.D.	United States ...	33	13	.7	749	102	46.0
	United Kingdom ..	-	-	-	439	221	-
	Belgium	-	-	-	8	-	-
	Germany	50	-	-	736	9	-
	Israel	-	-	-	28	-	-
	Japan	-	-	-	853	-	.8
	Sweden	6	1	-	9	9	2.3
Over 6 5/8" up to and including 10 1/2" O.D. ..							
United States ...	United States ...	21	-	.2	131	87	2.0
	United Kingdom ..	-	-	-	68	-	-
	Germany	-	-	-	15	-	-
	Sweden	-	1	-	1	4	-
Over 10 1/2" up to and including 16" O.D.							
United States ...	United States ...	75	23	-	2,385	50	3.0
	United Kingdom ..	-	-	-	29	-	-
	Germany	-	6	-	12	6	-
	Sweden	-	-	-	-	2	-
Over 16" O.D.	United States ...	56	-	-	1,930	1	-
	Italy	-	-	-	102	-	-
Mechanical tubing	United States ...	1,281	51	9.2	18,201	1,093	68.7
	United Kingdom ..	22	18	-	393	580	20.4
	Denmark	-	-	-	5	-	-
	Germany	-	-	-	233	79	-
	Netherlands	-	-	-	3	-	-
	Sweden	57	-	-	985	1	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Pipes and tubes - Concluded:</u>							
For pressure parts of boilers:							
Seamless hot-finished	United States ...	46	12	5.2	1,610	917	6.9
	United Kingdom ..	24	105	-	1,855	734	-
	France	-	-	-	38	-	-
	Germany	-	-	-	1,081	3	-
	Italy	-	-	-	7	-	-
	Japan	20	106	-	49	106	4.5
Seamless cold drawn	United States ...	4	-	-	104	17	1.6
	United Kingdom ..	-	34	-	27	97	-
	Germany	-	-	-	7	-	-
	Japan	-	-	-	-	35	-
Welded	United States ...	14	-	3.8	369	4	27.9
	United Kingdom ..	374	-	-	2,205	-	49.2
	France	-	-	-	104	-	-
	Germany	-	-	-	101	-	-
	Japan	-	-	-	423	-	-
	Switzerland	188	-	-	1,198	-	-
Seamless cold drawn n.e.s.	United States ...	45	5	11.7	1,214	85	243.9
	United Kingdom ..	2	19	6.7	215	362	214.5
	France	-	-	-	6	-	32.8
	Germany	-	-	-	139	-	.1
	Japan	6	-	-	42	-	11.0
	Sweden	8	-	1.9	189	-	46.4
Welded:							
4 1/2" O.D. and under n.e.s.	United States ...	78	-	14.6	2,364	-	271.4
	United Kingdom ..	324	-	.3	8,664	-	6.8
	Belgium	8	-	-	373	-	-
	France	552	-	-	9,801	-	-
	Germany	26	-	-	2,556	-	-
	Israel	-	-	-	16	-	-
	Japan	4	-	4.6	1,372	-	5.5
	Netherlands	8	-	-	17	-	-
	Norway	-	-	-	386	-	-
	Sweden	2	-	-	35	-	13.3
Over 4 1/2" up to and including 16" O.D.	United States ...	149	-	10.6	704	-	108.4
	United Kingdom ..	-	-	-	16	-	-
	Germany	-	-	-	320	-	-
	Japan	-	-	-	175	-	-
	Sweden	6	-	-	12	-	8.8
	Switzerland	-	-	-	14	-	-
Over 16" O.D.	United States ...	17	-	5.4	380	3	12.0
	United Kingdom ..	-	-	-	7	-	-
	Germany	-	-	-	329	-	-
Spiral welded	United States ...	24	-	-	1,196	-	-
	Germany	-	-	-	51	-	-
Conduit	United States ...	-	-	-	58	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Continued

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
net tons of 2,000 pounds							
<u>Wire and wire products:</u>							
Welding rods, steel	United States ...	38	37	11.9	601	779	312.5
	United Kingdom ..	171	2	-	1,165	48	-
	Austria	-	1	-	-	3	.8
	Belgium	-	-	-	3	2	-
	Germany	-	1	-	9	3	-
	Japan	-	-	-	-	-	1.5
	Sweden	-	-	1.3	95	-	12.1
Welding wire in coil form (excluding wire for the manufacture of welding rods)	United States ...	31	48	1.8	412	548	45.7
	United Kingdom ..	-	-	-	8	2	-
Wire n.e.s.	United States ...	147	3	15.6	1,504	48	100.3
	United Kingdom ..	31	-	1.0	1,041	9	34.4
	Austria	-	-	-	857	-	-
	Belgium	30	-	-	3,182	-	-
	Czechoslovakia ..	110	-	-	284	-	-
	France	207	-	-	1,444	-	-
	Germany	3	-	-	370	-	.5
	Japan	73	-	-	1,337	-	3.8
	Netherlands	-	-	-	646	-	-
	Norway	-	-	-	1	-	-
	Sweden	4	-	-	173	1	15.0
Galvanized fencing wire	United Kingdom ..	19	-	-	1,392	-	-
	Belgium	-	-	-	507	-	-
	France	-	-	-	82	-	-
	Germany	25	-	-	580	-	-
	Japan	22	-	-	88	-	-
	Netherlands	-	-	-	10	-	-
Galvanized n.e.s.	United States ...	27	-	-	360	-	-
	United Kingdom ..	46	-	-	898	-	-
	Austria	-	-	-	183	-	-
	Belgium	23	-	-	1,436	-	-
	France	27	-	-	348	-	-
	Germany	-	-	-	395	-	-
	Italy	-	-	-	14	-	-
	Japan	10	-	-	892	-	-
	Netherlands	-	-	-	149	-	-
Coated or covered with any material n.e.s.	United States ...	31	-	3.0	403	-	52.3
	United Kingdom ..	7	-	-	169	-	-
	Belgium	-	-	-	26	-	-
	Germany	-	-	-	7	-	-
	Italy	-	-	-	3	-	-
	Japan	-	-	-	10	-	-
	Netherlands	-	-	-	2	-	-

TABLE 20. Imports of Selected Forms of Iron and Steel, by Country - Concluded

Commodity	Country	December 1962			Twelve months ended December 1962		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		net tons of 2,000 pounds					
<u>Wire and wire products -</u>							
<u>Concluded:</u>							
Wire rope	United States ...	66	-	-	1,556	-	4.3
	United Kingdom ..	180	-	-	3,153	-	-
	Belgium	16	-	-	406	-	-
	Denmark	1	-	-	62	-	-
	France	5	-	-	650	-	-
	Germany	15	-	-	565	-	-
	Japan	9	-	-	1,652	-	-
	Netherlands	69	-	-	1,051	-	-
	Norway	-	-	-	128	-	-
	Sweden	-	-	-	2	-	-
	Switzerland	10	-	-	44	-	-
Wire, steel, spring for mattresses, cushions or upholstery	United States ...	43	-	-	175	-	-
	Denmark	-	-	-	2	-	-
	Japan	66	-	-	1,503	-	-
Wire, steel, valued at not less than 2 3/4 cents per pound for wire rope	United States ...	-	-	-	224	-	-
	United Kingdom ..	604	-	-	12,635	-	-
	Belgium	55	-	-	169	-	-
	France	-	-	-	11	-	-
	Germany	266	-	-	3,782	-	-
	Japan	263	-	-	2,975	-	-
Totals		44,729	3,468	1,225.4	742,012(1)	44,231	17,096.1

(1) Includes revision for August which should have read 470 tons.

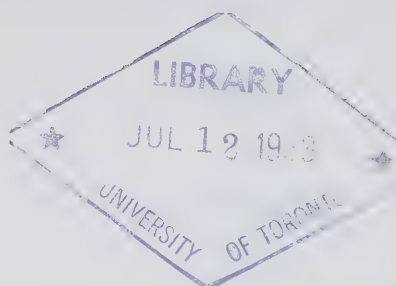
CATALOGUE No.

41-001

MONTHLY



CANADA



Canada. Statistics, Bureau of
1/1

PRIMARY IRON AND STEEL

APRIL 1963

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

June 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 4

TABLE 1. Description of Iron Blast Furnaces(1) at end of April 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	14	5,013,100	86.4
Banked	-	-	-
Blown out	3	791,800	13.6
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	April 1963	Four months ended April 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	82,994	271,926
From foreign mines	165,898	632,193
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	191,506	628,662
From foreign mines	221,783	774,446
From own processing	135,090	576,996
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	16,406	58,364
Scrap iron and steel	5,276	17,653
Limestone	70,734	258,330
Dolomite	33,488	117,980
Coke	308,194	1,127,952

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys, April

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	386,170	1,684	429,089	2,973
Foundry (including silvery pig)(2)	25,585	13,223	10,730	8,534
Malleable	39,677	38,538	42,391	20,289
Total pig iron	451,432	53,445	482,210	31,796
Ferro-alloys	12,023	11,003	13,105	11,686
Stocks of pig iron on hand at end of month	426,569		216,215	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys, Four Months Ended April

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	1,470,285	8,295	1,536,091	14,336
Foundry (including silvery pig)(2)	109,392	52,475	24,150	24,929
Malleable	130,751	87,601	160,160	65,427
Total pig iron	1,710,428	148,371	1,720,401	104,692
Ferro-alloys	41,952	39,244	45,755	41,417

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,045,000
Electric	931,000
Oxygen	2,100,000
Total ingots	8,076,000
Steel castings	538,000
Total ingots and castings	8,614,000

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	April		Four months ended April	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	384,343	428,788	1,457,460	1,574,415
Scrap - Own make	155,137	183,746	630,269	744,253
Purchased	137,633	172,333	515,937	624,419
Total pig iron and scrap	677,113	784,867	2,603,666	2,943,087

TABLE 7. Production and Shipments of Steel Ingots and Castings, April

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	530,962	7,818	625,242	4,006
Electric	54,608	8,347	65,580	8,324
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	585,570	16,165	690,822	12,330
Alloy steel ingots included in above	22,848	859	29,607	1,684
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	357	357	443	443
Electric	11,732	9,649	10,780	9,709
Other	-	-	-	-
Total steel castings	12,089	10,006	11,223	10,152
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	289	209	312	270
High alloy, manganese and abrasion resistant ...	1,638	1,426	1,645	1,488
All other alloys	595	615	534	468
Total alloy castings	2,522	2,250	2,491	2,226

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Four Months Ended April

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	2,046,166	8,962	2,336,258	5,011
Electric	221,524	31,897	246,859	20,290
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	2,267,690	40,859	2,583,117	25,301
Alloy steel ingots included in above	101,760	3,214	126,518	11,577
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,260	1,260	1,815	1,817
Electric	41,359	39,107	39,409	36,506
Other	-	-	-	-
Total steel castings	42,619	40,367	41,224	38,323
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	1,110	933	1,030	971
High alloy, manganese and abrasion resistant ...	6,449	6,115	6,194	6,341
All other alloys	1,471	1,476	2,106	1,903
Total alloy castings	9,030	8,524	9,330	9,215

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	April 1963		Four months ended April 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	1	-	101
All other	25	302	285	988
Automotive industries	383	38	1,425	110
Agricultural, including implement and equipment manufacturers	96	14	333	86
Machinery and tools	1,455	457	5,373	1,328
Mining, lumbering and quarrying industries	737	805	3,146	3,359
Oil and gas, including refineries	36	22	171	111
National defence	28	16	70	55
Public works and public utilities	30	28	174	178
Railway operating	4,310	170	15,810	889
Railway cars and locomotives	539	16	1,380	163
Shipbuilding	94	-	231	53
Miscellaneous and unclassified	194	356	711	1,293
Total shipments	7,927	2,225	29,109	9,214

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	573,624	10,209	583,833
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May					
June					
July					
August					
September					
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, April

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	19,105	14,670	17,511	13,367
Over 4 1/2" outside diameter (including all sizes of casing)	16,114	9,930	40,865	23,216
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,036	6,757	5,121	3,906
Totals	42,255	31,357	63,497	40,489
<u>Steel pipe fittings:</u>				
Buttwelding fittings	119	91	208	152
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	437	500	509	429
Totals	556	591	717	581
(1) Included with other.				

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Four Months Ended April

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	65,277	52,311	62,227	52,600
Over 4 1/2 " outside diameter (including all sizes of casing)	52,669	45,474	114,721	98,537
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	24,447	27,199	26,012	23,762
Totals	142,393	124,984	202,960	174,899
<u>Steel pipe fittings:</u>				
Buttwelding fittings	386	386	612	564
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	1,641	1,948	2,027	2,077
Totals	2,027	2,334	2,639	2,641

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, April 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
	net tons of 2,000 pounds			
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	12,340	16,514	16,514	-
For forging and piercing	11,641	11,811	-	11,811
Rails	36,011	36,723	-	36,723
Wire rods	39,128	40,312	-	40,312
Structural shapes:				
Heavy, including piling	30,708	33,678	-	33,678
Light	4,377	5,853	-	5,853
Concrete reinforcing bars	36,846	32,007	-	32,007
Other hot rolled bars	43,412	39,387	7,613	31,774
Tie plates and track material:				
Angle bars	2,576	2,736	-	2,736
Tie plates	8,435	7,320	-	7,320
Track spikes	1,202	1,231	-	1,231
Plates (including plates for pipes and tubes)	61,168	61,696	-	61,696
Hot rolled sheets and strip	256,070	247,242	168,490	78,752
Total hot rolled products ..	543,914	536,510	192,617	343,893
<u>Cold rolled and coated:</u>				
Cold finished bars	4,686	4,448	-	4,448
Cold reduced strip	5,355	4,466	-	4,466
Cold reduced sheets, tin mill black plate and tin plate	162,552	158,847	67,654	91,193
Galvanized sheets	30,625	30,891	-	30,891
Total cold rolled and coated .	203,218	198,652	67,654	130,988
Total carbon steel	747,132	735,162	260,271	474,891
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	1,884	3,163	-	3,163
Alloy plates	333	999	-	999
Other hot rolled bars, including high-speed steel and other alloy tool steel	11,017	9,487	247	9,240
Structurals	-	-	-	-
Cold finished bars	526	477	-	477
Wire rods	280	304	-	304
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,610	2,681	-	2,681
Total alloy steel	16,650	17,111	247	16,864

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Four Months Ended April 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	69,109	70,067	44,545	25,522
For forging and piercing	56,466	55,330	-	55,330
Rails	126,115	127,140	-	127,140
Wire rods	135,197	131,660	-	131,660
Structural shapes:				
Heavy, including piling	125,875	122,263	-	122,263
Light	28,897	30,694	-	30,694
Concrete reinforcing bars	130,181	108,984	-	108,984
Other hot rolled bars	165,438	150,336	19,806	130,530
Tie plates and track material:				
Angle bars	5,681	5,499	-	5,499
Tie plates	22,683	20,338	-	20,338
Track spikes	3,313	3,543	-	3,543
Plates (including plates for pipes and tubes)	245,402	244,956	-	244,956
Hot rolled sheets and strip	962,102	962,712	645,685	317,027
Total hot rolled products ..	2,076,459	2,033,522	710,036	1,323,486
<u>Cold rolled and coated:</u>				
Cold finished bars	18,546	18,190	-	18,190
Cold reduced strip	21,810	19,696	-	19,696
Cold reduced sheets, tin mill black plate and tin plate	621,835	619,667	253,587	366,080
Galvanized sheets	106,422	105,897	-	105,897
Total cold rolled and coated .	768,613	763,450	253,587	509,863
Total carbon steel	2,845,072	2,796,972	963,623	1,833,349
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	25	25	25	-
For forging and piercing	5,722	7,005	-	7,005
Alloy plates	533	2,090	-	2,090
Other hot rolled bars, including high-speed steel and other alloy tool steel	39,862	38,532	565	37,967
Structurals	2,447	2,517	-	2,517
Cold finished bars	-	-	-	-
Wire rods	899	957	-	957
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	12,214	12,240	-	12,240
Total alloy steel	61,702	63,366	590	62,776

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		April 1963		Four months ended April 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	67,807	545	259,259	2,342
5	Direct export:				
	(a) British Commonwealth	54	389	12,611	1,952
	(b) All other	31,036	2,202	115,336	7,370
6	Automotive industries	23,461	5,152	112,425	23,516
7	Agricultural, including implement and equipment manufacturers	9,808	184	48,421	1,185
8	Building construction	88,228	1,128	321,474	2,339
9	Container industry	33,422	96	134,970	528
10	Machinery and tools	18,871	2,753	78,665	11,107
11	Merchant trade products	46,227	1,285	157,845	4,127
12	Mining, lumbering, etc.	4,901	962	19,293	4,480
13	National defence	122	20	684	110
14	Pressing, forming and stamping	25,886	692	107,171	2,048
15	Public works and utilities	1,773	-	7,619	-
16	Railway operating	46,850	32	120,140	120
17	Railway cars and locomotives	3,668	-	8,124	-
18	Shipbuilding	8,640	13	25,112	63
19	Pipes and tubes	62,486	1,411	248,966	1,489
20	Miscellaneous and unclassified	1,651	-	5,234	-
	Net shipments	474,891	16,864	1,833,349	62,776

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	20	270	915	9,785	2,311	9,232	7,472
5	Direct export:							
	(a) British Commonwealth	-	-	-	-	-	-	108
	(b) All other	802	991	154	1,179	107	596	3,232
6	Automotive industries .	2,123	-	97	97	72	-	7,658
7	Agricultural, etc.	59	-	-	462	734	-	3,011
8	Building construction .	167	24	1,331	19,345	1,461	19,888	1,792
9	Container industry	-	-	23	-	-	-	5
10	Machinery and tools ...	502	71	280	645	168	669	4,596
11	Merchant trade	91	-	37,480	69	69	-	7,756
12	Mining, lumbering, etc.	181	490	94	487	20	41	3,608
13	National defence	-	-	-	-	-	31	41
14	Pressing, forming and stamping	356	-	18	135	712	8	523
15	Public works and utilities	-	-	-	-	61	1,521	-
16	Railway operating	-	34,805	7	224	64	20	701
17	Railway cars and locomotives	254	41	-	417	56	1	219
18	Shipbuilding	2	31	-	833	16	-	247
19	Pipes and tubes	10,394	-	-	-	-	-	1
20	Miscellaneous and unclassified	23	-	217	-	2	-	44
	Net shipments	14,974	36,723	40,616	33,678	5,853	32,007	41,014

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, April 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
36	9,928	8,231	1,937	153	11,442	6,620	68,352	4
-	-	335	-	-	-	-	443	5
406	998	11,482	-	-	10,453	2,838	33,238	(a)
-	216	8,813	906	1,028	6,932	671	28,613	6
-	666	2,282	724	4	1,550	500	9,992	7
1	14,721	7,878	27	225	6,545	15,951	89,356	8
-	-	355	-	9	32,992	134	33,518	9
-	5,436	3,792	553	222	4,081	609	21,624	10
13	24	819	455	27	635	74	47,512	11
459	208	186	44	-	8	37	5,863	12
-	-	4	10	49	7	-	142	13
-	582	6,454	223	1,577	12,922	3,068	26,578	14
17	59	5	-	-	-	110	1,773	15
10,204	600	210	5	-	11	31	46,882	16
119	1,636	741	-	-	88	96	3,668	17
-	7,347	93	1	-	83	-	8,653	18
-	20,274	28,618	25	16	4,426	143	63,897	19
32	-	-	15	1,156	153	9	1,651	20
11,287	62,695	80,298	4,925	4,466	92,328	30,891	491,755	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four Months Ended April 1963

April 1965

SDI No.	Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars	
				Heavy including piling	Light			
net tons of 2,000 pounds								
4	Wholesalers and warehouses	47	639	2,118	37,685	11,267	31,128	33,011
5	Direct export:							
	(a) British Commonwealth	25,522	36,254	38	79	-	-	444
	(b) All other	1,967	2,871	830	2,216	190	4,265	8,804
6	Automotive industries .	10,684	-	348	337	392	-	33,511
7	Agricultural, etc.	121	-	32	2,290	2,971	-	15,840
8	Building construction .	167	400	4,494	71,119	10,281	63,589	9,199
9	Container industry	-	-	58	-	-	-	118
10	Machinery and tools ...	3,804	340	992	1,950	927	2,056	18,966
11	Merchant trade	1,262	-	122,923	277	502	1,772	24,960
12	Mining, lumbering, etc.	409	1,804	216	1,498	86	95	14,898
13	National defence	6	-	-	-	-	404	99
14	Pressing, forming and stamping	795	-	54	517	3,486	21	3,530
15	Public works and utilities	-	-	-	359	61	5,575	129
16	Railway operating	30	84,758	38	553	250	66	2,634
17	Railway cars and locomotives	1,458	43	2	960	124	1	1,394
18	Shipbuilding	13	31	-	2,423	152	-	694
19	Pipes and tubes	41,549	-	-	-	-	-	4
20	Miscellaneous and unclassified	23	-	474	-	5	12	262
	Net shipments	87,857	127,140	132,617	122,263	30,694	108,984	168,497

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Four Months Ended April 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Galvanized sheets	Total	SDI No.
net tons of 2,000 pounds								
272	35,941	35,978	5,861	683	44,191	22,780	261,601	4
								5
-	-	1,613	7	-	606	-	64,563	(a)
410	7,432	40,693	38	-	42,649	10,341	122,706	(b)
-	819	45,335	4,927	5,398	31,017	3,173	135,941	6
-	3,564	14,294	3,840	70	5,597	987	49,606	7
11	58,340	27,686	128	870	22,275	55,254	323,813	8
-	30	1,866	5	33	132,986	402	135,498	9
3	24,646	15,100	2,375	1,201	15,982	1,430	89,772	10
16	192	3,956	2,104	100	3,600	308	161,972	11
727	2,037	1,058	226	-	574	145	23,773	12
-	20	41	21	175	28	-	794	13
-	2,642	28,795	1,099	7,214	51,285	9,781	109,219	14
30	1,350	5	-	-	-	110	7,619	15
27,745	3,198	721	15	-	39	113	120,260	16
127	2,552	1,022	2	-	322	117	8,124	17
-	20,590	394	8	42	658	170	25,175	18
-	83,616	105,920	26	155	18,453	732	250,455	19
39	77	-	25	3,755	508	54	5,234	20
29,380	247,046	324,577	20,707	19,696	370,770	105,897	1,896,125	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	March 1963	Three months ended March 1963
	net tons of 2,000 pounds	
Pig iron	4,213	12,245
Sponge iron	444	1,797
Steel ingots	369	3,283
Blooms, billets, slab steel	916	51,793
Iron castings, n.e.s.	792	2,785
Steel castings	258	528
Forgings, n.e.s.	963	3,544
Bars steel, hot rolled	1,942	7,936
Wire rods steel, hot rolled	531	1,900
Bars steel, cold rolled	170	507
Plate steel	2,734	6,769
Sheet and strip, carbon steel, hot rolled	7,587	37,789
Sheet and strip, carbon steel, cold rolled	2,701	9,332
Sheet, strip, galvanized	2,746	6,292
Sheet and strip, n.e.s.	10,813	25,422
Structural shapes	1,908	4,804
Rails	673	23,632
Cast iron pipe	19	19
Pipes and tubes, iron and steel, n.e.s.	1,126	3,688
Totals	40,905	204,065

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	1963		
	January	February	Two months ended February
	net tons of 2,000 pounds		
<u>Pigs, ingots, blooms and billets:</u>			
Pig iron	102	168	270
Ingots, carbon steel	7	140	147
Ingots, alloy steel	159	46	205
Blooms, billets and slabs, carbon steel	13	15	28
Blooms, billets and slabs, alloy steel	171	102	273
<u>Bars and rods:</u>			
Concrete reinforcing bars, carbon steel, hot rolled	1,508	2,394	3,902
Bars, carbon steel, hot rolled n.o.p.	2,411	1,505	3,916
Bars, alloy steel, hot rolled	289	381	670
Wire rods, steel, hot rolled	2,138	1,569	3,707
Bars, carbon steel, cold drawn or cold finished	318	198	516
Bars, alloy steel, cold drawn or cold finished	39	37	76
Bars or rods, steel, fabricated n.o.p.	199	126	325
<u>Plates, sheet and strip:</u>			
Plates, carbon steel, 60 inches or less in width n.o.p.	741	360	1,101
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	503	640	1,143
Plates, carbon steel, over 100 inches in width n.o.p.	70	193	263
Floor plate, carbon steel	186	59	245
Plates, fabricated or coated n.o.p.	63	59	122
Plates, flanged or dished, drilled or not	164	206	370
Plates, stainless steel (including carbon steel clad with stainless)	234	249	483
Plates, alloy steel n.o.p., except stainless ..	544	764	1,308
Plate, sheet or strip, not tempered or ground, for saws	240	125	365

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	1963		
	January	February	Two months ended February
net tons of 2,000 pounds			
<u>Plates, sheet and strip - Continued:</u>			
Plate, sheet or strip, hardened, tempered or ground, for saws	69	26	95
Stainless and other alloy steel for pipes and tubes	-	11	11
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	-	-
Carbon steel, cold rolled, for pipes and tubes	-	6	6
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	581	344	925
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	562	374	936
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	744	698	1,442
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	511	414	925
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	651	251	902
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	927	681	1,608
Sheet, and strip, carbon steel, finished for porcelain enamelling	163	132	295
Sheet and strip, carbon steel, coated with tin (tinplate)	114	175	289
Sheet and strip, carbon steel, coated with zinc (galvanized)	331	388	719
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,326	890	2,216
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	694	524	1,218
Sheet and strip, carbon steel, coated n.o.p. ..	646	388	1,034
Sheet and strip stainless steel, hot rolled, 60 inches or less in width		See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	28	-	28

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	1963		
	January	February	Two months ended
	February		
	net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>			
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	107	227	334
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width		See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	3	11	14
Sheet and strip, silicon steel	2,172	1,619	3,791
Sheet and strip, alloy steel n.o.p.	173	54	227
Sheet and strip, corrugated or fabricated n.o.p.	83	41	124
<u>Structural shapes and sheet piling:</u>			
Wide flange beams, carbon steel, over 24 inches in depth or web	2,414	2,203	4,617
Bearing pile, carbon steel	179	714	893
Wide flange beams, carbon steel n.o.p.	2,618	3,061	5,679
Structural shapes, carbon steel, large sizes n.o.p.	1,253	1,700	2,953
Structural shapes, carbon steel, intermediate sizes n.o.p.	875	626	1,501
Structural shapes, bar size, carbon steel	923	594	1,517
Sheet piling, carbon steel	1,457	619	2,076
Structural shapes, alloy steel	17	9	26
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	141	116	257
Structural shapes, fabricated n.o.p.	147	173	320
<u>Rails and railway track material, steel wheels and tires:</u>			
Axles, axle bars, axle blanks, and parts, for railway vehicles	3	-	3
Tires of steel, in the rough, for railway vehicles	2	14	16

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	1963		
	January	February	Two months ended February
	net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>			
Steel wheels for use on railway rolling stock	149	35	184
Railway rails, iron or steel	105	197	302
Fish plates, splice bars, rail joints and tie plates, iron or steel	28	32	60
Railway track material n.o.p.	20	4	24
<u>Pipes, tubes and fittings:</u>			
Pipes and tubes of cast iron	28	129	157
Drill pipe	103	196	299
Oil country goods, steel n.o.p.	3,236	1,091	4,327
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	-	-	-
Corrugated metal culvert pipe	11	-	11
Mechanical tubing, steel	1,561	1,047	2,608
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	568	468	1,036
Tubes, seamless steel, for bearings	534	503	1,037
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	51	32	83
Pipes and tubes, steel welded n.o.p.	455	846	1,301
Pipes and tubes, steel, seamless, hot finished n.o.p.	242	330	572
Pipes and tubes, steel, seamless, cold finished n.o.p.	372	227	599
Pipes and tubes, iron or steel n.o.p.	700	529	1,229
<u>Wire and wire rope, iron and steel:</u>			
Wire, steel, for wire rope	1,607	1,237	2,844
Wire, steel, flat or shaped	28	14	42

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	1963		
	January	February	Two months ended February
	net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>			
Wire, steel, spring, for mattresses, cushions or upholstery	110	77	187
Wire, iron or steel, not coated n.o.p.	305	236	541
Wire, steel, galvanized n.o.p.	527	376	903
Wire, iron or steel, coated n.o.p., except insulated	44	86	130
Wire, barbed, including galvanized	270	1,467	1,737
Wire strand, including twisted and braided, coated or not	30	17	47
Wire rope for use in logging, coated or not ...	112	70	182
Wire rope, coated or not n.o.p.	116	72	188
<u>Welding wire, rods and electrodes:</u>			
Welding rods and electrodes, steel	326	292	618
Welding rods and electrodes, n.o.p.	24	39	63
Welding wire	133	115	248
<u>Plates, sheet and strip:</u>			
Sheet and strip stainless steel, hot rolled, 60 inches or less in width:			
thinner than 18 gauge	29	17	46
18 gauge and thicker	176	199	375
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width:			
thinner than 18 gauge	538	430	968
18 gauge and heavier	583	345	928

CATALOGUE No.

41-001

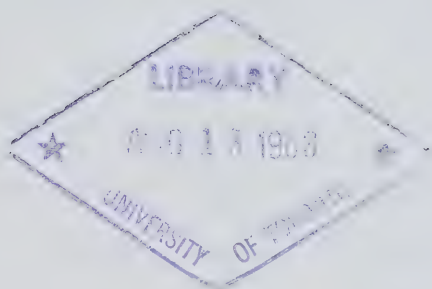
MONTHLY



CANADA

Canada. Statistics, Bureau of
///

PRIMARY IRON AND STEEL
MAY 1963



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

August 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 5



THE [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]



[illegible]

[illegible]

PRIMARY IRON AND STEEL

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19
Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

TABLE 1. Description of Iron Blast Furnaces(1) at End of May 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	14	5,013,100	86.4
Banked	-	-	-
Blown out	3	791,800	13.6
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	May 1963	Five months ended May 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	63,238	335,164
From foreign mines	146,765	778,958
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	198,991	827,653
From foreign mines	297,303	1,071,749
From own processing	135,154	712,150
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	16,905	75,269
Scrap iron and steel	4,703	22,356
Limestone	74,194	332,524
Dolomite	34,575	152,555
Coke	318,632	1,446,584

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys May

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	383,119	2,399	462,581	5,819
Foundry (including silvery pig)(2)	38,764	25,538	35,559	13,231
Malleable	41,195	45,590	40,000	34,453
Total pig iron	463,078	73,527	538,140	53,503
Ferro-alloys	14,433	9,055	12,542	13,770
Stocks of pig iron on hand at end of month	434,623		238,784	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Five Months Ended May

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	1,853,404	10,694	1,998,672	20,155
Foundry (including silvery pig)(2)	148,156	78,013	59,709	38,160
Malleable	171,946	133,191	200,160	99,880
Total pig iron	2,173,506	221,898	2,258,541	158,195
Ferro-alloys	56,385	48,299	58,297	55,187

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,045,000
Electric		931,000
Oxygen		2,100,000
Total ingots		8,076,000
Steel castings		538,000
Total ingots and castings		8,614,000

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	May		Five months ended May	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	379,926	458,401	1,837,386	2,032,816
Scrap - Own make	176,656	198,672	806,925	942,925
Purchased	122,952	181,756	638,889	806,175
Total pig iron and scrap	679,534	838,829	3,283,200	3,781,916

TABLE 7. Production and Shipments of Steel Ingots and Castings, May

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	531,595	23,137	669,936	26,560
Electric	58,495	7,025	72,764	13,515
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	590,090	30,162	742,700	40,075
Alloy steel ingots included in above	32,811	881	40,267	1,068
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	369	369	485	485
Electric	12,695	12,429	10,440	9,196
Other	-	-	-	-
Total steel castings	13,064	12,798	10,925	9,681
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	337	283	372	315
High alloy, manganese and abrasion resistant ...	2,156	2,088	1,927	1,985
All other alloys	411	399	541	488
Total alloy castings	2,904	2,770	2,840	2,788

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Five Months Ended May

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	2,577,761	32,099	3,006,194	31,571
Electric	280,019	38,922	326,570(3)	40,752(3)
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	2,857,780	71,021	3,332,764(3)	72,323(3)
Alloy steel ingots included in above	134,571	4,095	159,838(3)	5,698(3)
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	1,629	1,629	2,300	2,302
Electric	54,054	51,536	49,849	45,702
Other	-	-	-	-
Total steel castings	55,683	53,165	52,149	48,004
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	1,447	1,216	1,402	1,286
High alloy, manganese and abrasion resistant ...	8,605	8,203	8,121	8,326
All other alloys	1,882	1,875	2,647	2,391
Total alloy castings	11,934	11,294	12,170	12,003

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

(3) Includes revisions for February 1963, see page 22 Table 20 for details.

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	May 1963		Five months ended May 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	28	-	129
All other	46	394	331	1,382
Automotive industries	294	32	1,719	142
Agricultural, including implement and equipment manufacturers	99	11	432	97
Machinery and tools	1,338	502	6,711	2,330
Mining, lumbering and quarrying industries	803	1,072	3,949	4,431
Oil and gas, including refineries	8	22	179	133
National defence	29	14	99	69
Public works and public utilities	53	34	227	212
Railway operating	3,535	198	19,345	1,087
Railway cars and locomotives	438	59	1,818	222
Shipbuilding	39	4	270	57
Miscellaneous and unclassified	217	412	928	1,705
Total shipments	6,899	2,782	36,008	11,996

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
net tons of 2,000 pounds					
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571(1)	10,209	590,780(1)
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June					
July					
August					
September					
October					
November					
December					
Totals					

(1) Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, May

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	16,995	17,825	16,296	17,146
Over 4 1/2" outside diameter (including all sizes of casing)	18,678	14,756	40,023	43,476
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,356	6,449	5,933	4,322
Totals	43,029	39,030	62,252	64,944
<u>Steel pipe fittings:</u>				
Buttwelding fittings	102	129	102	171
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	649	515	502	615
Totals	751	644	604	786

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Five Months Ended May

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	82,272	70,136	78,523	69,746
Over 4 1/2 " outside diameter (including all sizes of casing)	71,347	60,230	154,744	142,013
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	31,803	33,648	31,945	28,084
Totals	185,422	164,014	265,212	239,843
<u>Steel pipe fittings:</u>				
Buttwelding fittings	488	515	714	735
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	2,290	2,463	2,529	2,692
Totals	2,778	2,978	3,243	3,427

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, May 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	10,570	6,071	6,071	-
For forging and piercing	18,644	16,126	-	16,126
Rails	38,607	42,263	-	42,263
Wire rods	30,403	31,297	-	31,297
Structural shapes:				
Heavy, including piling	32,518	33,761	-	33,761
Light	9,468	9,827	-	9,827
Concrete reinforcing bars	40,197	42,498	-	42,498
Other hot rolled bars	43,247	44,404	5,711	38,693
Tie plates and track material:				
Angle bars	3,054	3,053	-	3,053
Tie plates	6,140	8,418	-	8,418
Track spikes	1,237	1,274	-	1,274
Plates (including plates for pipes and tubes)	62,375	61,241	-	61,241
Hot rolled sheets and strip	250,867	249,897	165,577	84,320
Total hot rolled products ..	547,327	550,130	177,359	372,771
<u>Cold rolled and coated:</u>				
Cold finished bars	4,879	4,722	-	4,722
Cold reduced strip	4,862	4,831	-	4,831
Cold reduced sheets, tin mill black plate and tin plate	176,001	184,703	80,871	103,832
Galvanized sheets	35,475	36,471	-	36,471
Total cold rolled and coated .	221,217	230,727	80,871	149,856
Total carbon steel	768,544	780,857	258,230	522,627
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	17	17	17	-
For forging and piercing	2,195	2,257	-	2,257
Alloy plates	249	692	-	692
Other hot rolled bars, including high-speed steel and other alloy tool steel	11,335	10,767	64	10,703
Structurals	-	-	-	-
Cold finished bars	590	603	-	603
Wire rods	325	284	-	284
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,400	3,307	-	3,307
Total alloy steel	18,111	17,927	81	17,846

TABLE 14 . Production and Disposition of Shipments of Rolled Steel Products, Five Months Ended
May 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	79,679	76,138	50,616	25,522
For forging and piercing	75,110	71,456	-	71,456
Rails	164,722	169,403	-	169,403
Wire rods	165,600	162,957	-	162,957
Structural shapes:				
Heavy, including piling	158,393	156,024	-	156,024
Light	38,365	40,521	-	40,521
Concrete reinforcing bars	170,378	151,482	-	151,482
Other hot rolled bars	208,685	194,740	25,517	169,223
Tie plates and track material:				
Angle bars	8,735	8,552	-	8,552
Tie plates	28,823	28,756	-	28,756
Track spikes	4,550	4,817	-	4,817
Plates (including plates for pipes and tubes)	307,777	306,197	-	306,197
Hot rolled sheets and strip	1,212,969	1,212,609	811,262	401,347
Total hot rolled products ..	2,623,786	2,583,652	887,395	1,696,257
<u>Cold rolled and coated:</u>				
Cold finished bars	23,425	22,912	-	22,912
Cold reduced strip	26,672	24,527	-	24,527
Cold reduced sheets, tin mill black plate and tin plate	797,836	804,370	334,458	469,912
Galvanized sheets	141,897	142,368	-	142,368
Total cold rolled and coated .	989,830	994,177	334,458	659,719
Total carbon steel	3,613,616	3,577,829	1,221,853	2,355,976
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	42	42	42	-
For forging and piercing	7,917	9,262	-	9,262
Alloy plates	782	2,782	-	2,782
Other hot rolled bars, including high-speed steel and other alloy tool steel	51,197	49,299	629	48,670
Structurals	-	-	-	-
Cold finished bars	3,037	3,120	-	3,120
Wire rods	1,224	1,241	-	1,241
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	15,614	15,547	-	15,547
Total alloy steel	79,813	81,293	671	80,622

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		May 1963		Five months ended May 1963	
		Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds					
4	Wholesalers and warehouses	73,262	719	332,521	3,061
5	Direct export:				
	(a) British Commonwealth	13,536	609	76,147(2)	2,561
	(b) All other	57,872	2,717	173,208	10,087
6	Automotive industries	27,276	6,651	139,701	30,167
7	Agricultural, including implement and equipment manufacturers	13,030	278	61,451	1,463
8	Building construction	100,511	368	421,985	2,707
9	Container industry	41,248	188	176,218	716
10	Machinery and tools	21,286	3,215	99,951	14,322
11	Merchant trade products	37,519	986	195,364	5,113
12	Mining, lumbering, etc.	4,521	1,359	23,814	5,839
13	National defence	93	17	777	127
14	Pressing, forming and stamping	28,302	412	135,473	2,460
15	Public works and utilities	1,589	-	9,208	-
16	Railway operating	28,655	19	148,795	139
17	Railway cars and locomotives	2,334	-	10,458	-
18	Shipbuilding	10,577	73	35,689	136
19	Pipes and tubes	59,826	202	308,792	1,691
20	Miscellaneous and unclassified	1,190	33	6,424	33
	Net shipments	522,627	17,846	2,355,976	80,622

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

(2) Includes revisions for four months ended April 1963 which should have read 62,611 instead of 12,611.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars,	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	74	759	9,303	3,554	11,665	9,517
5	Direct export:							
	(a) British Commonwealth	-	13,170	-	-	-	-	240
	(b) All other	1,142	10,767	720	609	71	600	3,235
6	Automotive industries .	4,251	-	15	99	44	-	10,448
7	Agricultural, etc.	5	-	3	435	1,082	-	4,007
8	Building construction .	74	51	958	20,204	3,206	27,896	2,682
9	Container industry	-	-	23	-	-	-	116
10	Machinery and tools ...	736	82	388	446	355	799	6,313
11	Merchant trade	594	-	28,619	42	224	-	6,166
12	Mining, lumbering, etc.	45	388	57	104	36	20	4,278
13	National defence	-	-	-	-	-	19	14
14	Pressing, forming and stamping	122	-	15	32	1,096	134	774
15	Public works and utilities	-	-	-	41	36	1,294	53
16	Railway operating	-	17,731	12	185	41	-	476
17	Railway cars and locomotives	542	-	12	395	49	-	534
18	Shipbuilding	-	-	-	1,866	18	1	431
19	Pipes and tubes	10,872	-	-	-	10	-	-
20	Miscellaneous and unclassified	-	-	-	-	5	70	112
	Net shipments	18,383	42,263	31,581	33,761	9,827	42,498	49,396

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, May 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
34	12,191	8,187	1,578	103	10,921	6,095	73,981	4
								5
-	-	502	2	-	231	-	14,145	(a)
2,922	1,408	19,206	4	-	14,258	5,647	60,589	(b)
-	305	9,112	1,182	1,520	5,992	959	33,927	6
-	582	4,149	816	33	1,756	440	13,308	7
2	11,830	7,158	37	175	6,962	19,644	100,879	8
-	-	412	1	16	40,801	67	41,436	9
1	4,740	4,757	632	246	4,453	553	24,501	10
4	-	1,097	614	15	941	189	38,505	11
132	114	433	71	-	161	41	5,880	12
-	-	3	3	71	-	-	110	13
-	620	8,123	346	1,651	13,318	2,483	28,714	14
-	142	-	-	-	23	-	1,589	15
9,591	372	256	3	-	-	7	28,674	16
59	254	477	3	-	3	6	2,334	17
-	8,232	79	1	-	-	22	10,650	18
-	21,143	22,458	19	91	5,144	291	60,028	19
-	-	-	13	910	86	27	1,223	20
12,745	61,933	86,409	5,325	4,831	105,050	36,471	540,473	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five Months Ended May 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
4	Wholesalers and warehouses	47	713	2,877	46,988	14,821	42,793	42,528
5	Direct export:							
	(a) British Commonwealth	25,522	49,424	38	79	-	-	684
	(b) All other	3,109	13,638	1,550	2,825	261	4,865	12,039
6	Automotive industries .	14,935	-	363	436	436	-	43,959
7	Agricultural, etc.	126	-	35	2,725	4,053	-	19,847
8	Building construction .	241	451	5,452	91,323	13,487	91,485	11,881
9	Container industry	-	-	81	-	-	-	234
10	Machinery and tools ...	4,540	422	1,380	2,396	1,282	2,855	25,279
11	Merchant trade	1,856	-	151,542	319	726	1,772	31,126
12	Mining, lumbering, etc.	454	2,192	273	1,602	122	115	19,176
13	National defence	6	-	-	-	-	423	113
14	Pressing, forming and stamping	917	-	69	549	4,582	155	4,304
15	Public works and utilities	-	-	-	400	97	6,869	182
16	Railway operating	30	102,489	50	738	291	66	3,110
17	Railway cars and locomotives	2,000	43	14	1,355	173	1	1,928
18	Shipbuilding	13	31	-	4,289	170	1	1,125
19	Pipes and tubes	52,421	-	-	-	10	-	4
20	Miscellaneous and unclassified	23	-	474	-	10	82	374
	Net shipments	106,240	169,403	164,198	156,024	40,521	151,482	217,893

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Five Months Ended May 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
306	48,132	44,165	7,439	786	55,112	28,875	335,582	4
								5
-	-	2,115	9	-	837	-	78,708	(a)
3,332	8,840	59,899	42	-	56,907	15,988	183,295	(b)
-	1,124	54,447	6,109	6,918	37,009	4,132	169,868	6
-	4,146	18,443	4,656	103	7,353	1,427	62,914	7
13	70,170	34,844	165	1,045	29,237	74,898	424,692	8
-	30	2,278	6	49	173,787	469	176,934	9
4	29,386	19,857	3,007	1,447	20,435	1,983	114,273	10
20	192	5,053	2,718	115	4,541	497	200,477	11
859	2,151	1,491	297	-	735	186	29,653	12
-	20	44	24	246	28	-	904	13
-	3,262	36,918	1,445	8,865	64,603	12,264	137,933	14
30	1,492	5	-	-	23	110	9,208	15
37,336	3,570	1,077	18	-	39	120	148,934	16
186	2,806	1,499	5	-	325	123	10,458	17
-	28,822	473	9	42	658	192	35,825	18
-	104,759	128,378	45	246	23,597	1,023	310,483	19
39	77	-	38	4,665	594	81	6,457	20
42,125	308,979	410,986	26,032	24,527	475,820	142,368	2,436,598	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	April 1963	Four months ended April 1963
	net tons of 2,000 pounds	
Pig iron	4,653	16,898
Sponge iron	456	2,253
Steel ingots	909	4,192
Blooms, billets, slab steel	986	52,779
Iron castings, n.e.s.	1,133	3,918
Steel castings	150	678
Forgings, n.e.s.	1,498	5,042
Bars steel, hot rolled	1,902	9,838
Wire rods steel, hot rolled	178	2,078
Bars steel, cold rolled	148	655
Plate steel	1,578	8,347
Sheet and strip, carbon steel, hot rolled	13,583	51,372
Sheet and strip, carbon steel, cold rolled	5,507	14,839
Sheet, strip, galvanized	1,784	8,076
Sheet and strip, n.e.s.	9,370	34,792
Structural shapes	3,497	8,301
Rails	16,456	40,088
Cast iron pipe	56	75
Pipes and tubes, iron and steel, n.e.s.	1,631	5,319
Totals	65,475	269,540

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	March 1963	Three months ended March 1963
net tons of 2,000 pounds		
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	47	317
Ingots, carbon steel	40	187
Ingots, alloy steel	47	252
Blooms, billets and slabs, carbon steel	110	138
Blooms, billets and slabs, alloy steel	100	373
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	3,875	7,777
Bars, carbon steel, hot rolled n.o.p.	1,499	5,415
Bars, alloy steel, hot rolled	500	1,170
Wire rods, steel, hot rolled	1,792	5,499
Bars, carbon steel, cold drawn or cold finished	147	663
Bars, alloy steel, cold drawn or cold finished	57	133
Bars or rods, steel, fabricated n.o.p.	77	402
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	983	2,084
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	829	1,955(1)
Plates, carbon steel, over 100 inches in width n.o.p.	96	359
Floor plate, carbon steel	248	493
Plates, fabricated or coated n.o.p.	188	310
Plates, flanged or dished, drilled or not	170	540
Plates, stainless steel (including carbon steel clad with stainless)	269	752
Plates, alloy steel n.o.p., except stainless ..	570	1,895(2)
Plate, sheet or strip, not tempered or ground, for saws	265	630

(1) Includes revision for February which should have read 623.

(2) Includes revision for February which should have read 781.

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	March 1963	Three months ended March 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	33	128
Stainless and other alloy steel for pipes and tubes	19	30
Carbon steel, hot rolled, for pipes, over 60 inches in width	-	-
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	185	185
Carbon steel, cold rolled, for pipes and tubes	-	6
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	179	1,104
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	369	1,305
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	686	2,128
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	355	1,280
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	193	1,095
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	578	2,186
Sheet, and strip, carbon steel, finished for porcelain enamelling	204	499
Sheet and strip, carbon steel, coated with tin (tinplate)	602	891
Sheet and strip, carbon steel, coated with zinc (galvanized)	396	1,115
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	802	2,918(1)
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	518	1,736
Sheet and strip, carbon steel, coated n.o.p. ..	469	1,503
Sheet and strip stainless steel, hot rolled, 60 inches or less in width		See page 21
Sheet, stainless steel, hot rolled, over 60 inches in width	26	54

(1) Includes revision for January which should have read 1,226 instead of 1,326.

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	March 1963	Three months ended March 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	160	494
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	12	26
Sheet and strip, silicon steel	1,950	5,741
Sheet and strip, alloy steel n.o.p.	26	253
Sheet and strip, corrugated or fabricated n.o.p.	88	212
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,782	8,399
Bearing pile, carbon steel	23	916
Wide flange beams, carbon steel n.o.p.	2,815	8,494
Structural shapes, carbon steel, large sizes n.o.p.	1,322	4,275
Structural shapes, carbon steel, intermediate sizes n.o.p.	986	2,487
Structural shapes, bar size, carbon steel	1,172	2,689
Sheet piling, carbon steel	650	2,726
Structural shapes, alloy steel	23	49
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	209	466
Structural shapes, fabricated n.o.p.	834	1,154
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	6	9
Tires of steel, in the rough, for railway vehicles	3	18

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	March 1963	Three months ended March 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	62	246
Railway rails, iron or steel	560	862
Fish plates, splice bars, rail joints and tie plates, iron or steel	299	359
Railway track material n.o.p.	7	31
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	157	314
Drill pipe	262	611(1)
Oil country goods, steel n.o.p.	4,321	8,648
Pipes, tubes more than 10 1/2 inches in diameter and fittings, steel, for transmission of natural gas or crude oil	-	-
Corrugated metal culvert pipe	-	11
Mechanical tubing, steel	1,422	4,030
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	743	1,779
Tubes, seamless steel, for bearings	663	1,700
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	21	104
Pipes and tubes, steel welded n.o.p.	2,269	3,570
Pipes and tubes, steel, seamless, hot finished n.o.p.	475	1,047
Pipes and tubes, steel, seamless, cold finished n.o.p.	373	972
Pipes and tubes, iron or steel n.o.p.	753	1,982
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	2,391	5,235
Wire, steel, flat or shaped	61	103

(1) Includes revision for January which should have read 153.

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	March 1963	Three months ended March 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	218	405
Wire, iron or steel, not coated n.o.p.	424	965
Wire, steel, galvanized n.o.p.	434	1,337
Wire, iron or steel, coated n.o.p., except insulated	66	194
Wire, barbed, including galvanized	904	2,641
Wire strand, including twisted and braided, coated or not	75	122
Wire rope for use in logging, coated or not ...	182	364
Wire rope, coated or not n.o.p.	127	315
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	255	873
Welding rods and electrodes, n.o.p.	23	86
Welding wire	97	345
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel, hot rolled, 60 inches or less in width:		
thinner than 18 gauge	25	71
18 gauge and thicker	265	630(1)
Sheet stainless steel, cold rolled, over 18 inches to 51 inches in width:		
thinner than 18 gauge	351	1,319
18 gauge and heavier	399	1,327

(1) Includes revision for February which should have read 189.

TABLE 20. Revised Production and Shipment of Steel Ingots and Castings, February 1963

	1963	
	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds	
Steel ingots (both carbon and alloy):		
Basic open hearth	no change	no change
Electric	62,517	7,805
Oxygen	no change	no change
Total steel ingots	580,571	7,933
Alloy steel ingots included in above	27,588	850

CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

JUNE 1963



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

September 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 6

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

TABLE 1. Description of Iron Blast Furnaces(1) at End of June 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	June 1963	Six months ended June 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	60,023	395,187
From foreign mines	156,449	935,407
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	187,188	1,014,841
From foreign mines	273,238	1,344,987
From own processing	154,261	866,411
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,499	90,768
Scrap iron and steel	3,971	26,327
Limestone	68,575	401,099
Dolomite	33,964	186,519
Coke	312,859	1,759,443

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys June

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	376,372	2,110	455,724	8,761
Foundry (including silvery pig)(2)	31,341	50,773	34,790	32,094
Malleable	63,465	45,085	43,491	34,193
Total pig iron	471,178	97,968	534,005	75,048
Ferro-alloys	10,378	12,064	9,814	11,582
Stocks of pig iron on hand at end of month	421,364		265,266	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Six Months Ended June

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	2,229,776	12,804	2,454,396	28,916
Foundry (including silvery pig)(2)	179,497	128,786	94,499	70,254
Malleable	235,411	178,276	243,651	134,073
Total pig iron	2,644,684	319,866	2,792,546	233,243
Ferro-alloys	66,763	60,363	68,111	66,769

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	June		Six months ended June	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	382,036	428,715	2,219,422	2,461,531
Scrap - Own make	173,351	175,969	980,276	1,118,894
Purchased	119,180	151,319	758,069	957,494
Total pig iron and scrap	674,567	756,003	3,957,767	4,537,919

TABLE 7. Production and Shipments of Steel Ingots and Castings June

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	538,369	22,981	609,005	28,939
Electric	48,422	7,596	62,102	12,294
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	586,791	30,577	671,107	41,233
Alloy steel ingots included in above	22,820	892	35,507	785
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	607	607	437	437
Electric	11,310	11,021	9,744	11,321
Other	-	-	-	-
Total steel castings	11,917	11,628	10,181	11,758
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	242	216	403	344
High alloy, manganese and abrasion resistant ...	1,959	1,868	1,874	1,728
All other alloys	648	572	506	587
Total alloy castings	2,849	2,656	2,783	2,659

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Six Months Ended June

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	3,116,130	55,080	3,615,199	60,510
Electric	328,441	46,518	388,672	53,046
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	3,444,571	101,598	4,003,871	113,556
Alloy steel ingots included in above	157,391	4,987	195,345	6,483
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,236	2,236	2,737	2,739
Electric	65,364	62,557	59,593	57,029
Other	-	-	-	-
Total steel castings	67,600	64,793	62,330	59,768
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	1,689	1,432	1,805	1,629
High alloy, manganese and abrasion resistant ...	10,564	10,071	9,995	10,054
All other alloys	2,530	2,447	3,153	2,978
Total alloy castings	14,783	13,950	14,953	14,661

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	June 1963		Six months ended June 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	1	-	130
All other	132	224	463	1,606
Automotive industries	277	27	1,996	169
Agricultural, including implement and equipment manufacturers	95	10	527	107
Machinery and tools	1,422	571	8,133	2,901
Mining, lumbering and quarrying industries	1,015	1,148	4,964	5,579
Oil and gas, including refineries	14	8	193	141
National defence	21	16	120	85
Public works and public utilities	42	75	269	287
Railway operating	5,368	237	24,713	1,324
Railway cars and locomotives	466	34	2,284	256
Shipbuilding	48	6	318	63
Miscellaneous and unclassified	199	302	1,127	2,013
Total shipments	9,099	2,659	45,107	14,661

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July					
August					
September					
October					
November					
December					
Totals					

(1) Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, June

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	27,485	26,080	12,518	17,968
Over 4 1/2" outside diameter (including all sizes of casing)	13,743	13,660	42,882	48,143
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,366	6,341	5,859	4,869
Totals	48,594	46,081	61,259	70,980
<u>Steel pipe fittings:</u>				
Buttwelding fittings	123	118	142	199
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	406	541	437	571
Totals	529	659	579	770

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Six Months Ended June

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	109,757	96,216	91,041	87,714
Over 4 1/2 " outside diameter (including all sizes of casing)	85,090	73,890	197,626	190,156
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	39,169	39,989	37,804	32,953
Totals	234,016	210,095	326,471	310,823
<u>Steel pipe fittings:</u>				
Buttwelding fittings	611	633	856	934
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	2,696	3,004	2,966	3,263
Totals	3,307	3,637	3,822	4,197

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, June 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	18,829	21,720	10,241	11,479
For forging and piercing	15,665	16,678	-	16,678
Rails	24,066	29,028	-	29,028
Wire rods	36,469	35,132	-	35,132
Structural shapes:				
Heavy, including piling	36,893	31,573	-	31,573
Light	6,498	6,332	-	6,332
Concrete reinforcing bars	33,223	38,456	-	38,456
Other hot rolled bars	34,540	36,436	3,264	33,172
Tie plates and track material:				
Angle bars	1,559	1,645	-	1,645
Tie plates	5,566	3,121	-	3,121
Track spikes	896	989	-	989
Plates (including plates for pipes and tubes)	60,782	62,076	-	62,076
Hot rolled sheets and strip	245,043	250,789	156,130	94,659
Total hot rolled products ..	520,029	533,975	169,635	364,340
<u>Cold rolled and coated:</u>				
Cold finished bars	4,421	4,213	-	4,213
Cold reduced strip	6,094	5,608	-	5,608
Cold reduced sheets, tin mill black plate and tin plate	166,622	167,615	77,099	90,516
Galvanized sheets	37,590	39,359	-	39,359
Total cold rolled and coated .	214,727	216,795	77,099	139,696
Total carbon steel	734,756	750,770	246,734	504,036
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	2,561	2,852	-	2,852
Alloy plates	87	454	-	454
Other hot rolled bars, including high-speed steel and other alloy tool steel	10,744	11,789	133	11,656
Structurals	-	-	-	-
Cold finished bars	743	553	-	553
Wire rods	380	401	-	401
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,753	2,692	-	2,692
Total alloy steel	17,268	18,741	133	18,608

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Six Months Ended June 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	98,508	97,858	60,857	37,001
For forging and piercing	90,775	88,134	-	88,134
Rails	188,788	198,431	-	198,431
Wire rods	202,069	198,089	-	198,089
Structural shapes:				
Heavy, including piling	195,286	187,597	-	187,597
Light	44,863	46,853	-	46,853
Concrete reinforcing bars	203,601	189,938	-	189,938
Other hot rolled bars	243,225	231,176	28,781	202,395
Tie plates and track material:				
Angle bars	10,294	10,197	-	10,197
Tie plates	34,389	31,877	-	31,877
Track spikes	5,446	5,806	-	5,806
Plates (including plates for pipes and tubes)	368,559	368,273	-	368,273
Hot rolled sheets and strip	1,458,012	1,463,398	967,392	496,006
Total hot rolled products ..	3,143,815	3,117,627	1,057,030	2,060,597
<u>Cold rolled and coated:</u>				
Cold finished bars	27,846	27,125	-	27,125
Cold reduced strip	32,766	30,135	-	30,135
Cold reduced sheets, tin mill black plate and tin plate	964,458	971,985	411,557	560,428
Galvanized sheets	179,487	181,727	-	181,727
Total cold rolled and coated .	1,204,577	1,210,972	411,557	799,415
Total carbon steel	4,348,372	4,328,599	1,468,587	2,860,012
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	42	42	42	-
For forging and piercing	10,478	12,114	-	12,114
Alloy plates	869	3,236	-	3,236
Other hot rolled bars, including high-speed steel and other alloy tool steel	61,941	61,088	762	60,326
Structurals	-	-	-	-
Cold finished bars	3,780	3,673	-	3,673
Wire rods	1,604	1,642	-	1,642
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	18,367	18,239	-	18,239
Total alloy steel	97,081	100,034	804	99,230

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		June 1963		Six months ended June 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	64,922	540	397,443	3,601
5	Direct export:				
	(a) British Commonwealth	49,679	495	125,826	3,056
	(b) All other	27,658	3,141	200,866	13,228
6	Automotive industries	23,838	7,101	163,539	37,268
7	Agricultural, including implement and equipment manufacturers	10,013	175	71,464	1,638
8	Building construction	99,866	363	521,851	3,070
9	Container industry	37,847	26	214,065	742
10	Machinery and tools	23,269	3,238	123,220	17,560
11	Merchant trade products	38,989	896	234,353	6,009
12	Mining, lumbering, etc.	8,050	1,030	31,864	6,869
13	National defence	154	17	931	144
14	Pressing, forming and stamping	24,328	839	159,801	3,299
15	Public works and utilities	1,696	-	10,904	-
16	Railway operating	20,137	18	168,932	157
17	Railway cars and locomotives	3,785	138	14,243	138
18	Shipbuilding	9,521	90	45,210	226
19	Pipes and tubes	58,414	501	367,206	2,192
20	Miscellaneous and unclassified	1,870	-	8,294	33
	Net shipments	504,036	18,608	2,860,012	99,230

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	69	780	8,791	2,156	9,729	6,154
5	Direct export:							
	(a) British Commonwealth	11,479	13,234	-	-	-	-	217
	(b) All other	1,252	587	528	523	77	512	3,334
6	Automotive industries .	5,185	-	60	76	48	-	9,332
7	Agricultural, etc.	-	-	16	468	470	-	4,078
8	Building construction .	66	117	1,483	18,043	1,898	26,134	2,118
9	Container industry	-	-	10	-	-	-	24
10	Machinery and tools ...	1,152	44	383	809	248	435	7,635
11	Merchant trade	142	-	31,977	292	62	-	4,964
12	Mining, lumbering, etc.	118	1,756	83	799	450	16	4,828
13	National defence	-	-	-	-	-	41	6
14	Pressing, forming and stamping	456	-	4	97	807	-	779
15	Public works and utilities	-	-	-	-	40	1,559	10
16	Railway operating	-	13,221	1	32	23	10	505
17	Railway cars and locomotives	315	-	-	1,008	36	5	478
18	Shipbuilding	1	-	-	632	17	2	280
19	Pipes and tubes	10,843	-	-	-	-	-	-
20	Miscellaneous and unclassified	-	-	208	3	-	13	86
	Net shipments	31,009	29,028	35,533	31,573	6,332	38,456	44,828

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, June 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
83	11,313	9,234	1,320	93	9,060	6,680	65,462	4
								5
-	-	19,396	1	-	3,234	2,613	50,174	(a)
384	1,086	12,528	11	-	7,185	2,792	30,799	(b)
-	195	8,385	1,100	1,423	4,606	529	30,939	6
-	547	2,571	745	10	1,067	216	10,188	7
2	12,459	8,510	20	117	6,571	22,691	100,229	8
-	-	381	1	10	37,401	46	37,873	9
-	6,465	3,680	573	249	4,571	263	26,507	10
-	-	1,049	621	19	704	55	39,885	11
86	558	89	38	-	221	38	9,080	12
-	-	12	21	64	27	-	171	13
-	240	5,361	281	2,163	12,010	2,969	25,167	14
-	-	-	-	-	87	-	1,696	15
5,194	814	322	11	-	22	-	20,155	16
-	1,492	496	1	-	92	-	3,923	17
-	8,490	21	1	-	46	121	9,611	18
-	18,870	24,235	-	33	4,589	345	58,915	19
6	1	-	21	1,427	104	1	1,870	20
5,755	62,530	96,270	4,766	5,608	91,597	39,359	522,644	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six Months Ended June 1963

June 1965

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	47	782	3,657	55,779	16,977	52,522	48,682
5	Direct export:							
	(a) British Commonwealth	37,001	62,658	38	79	-	-	901
	(b) All other	4,361	14,225	2,078	3,348	338	5,377	15,373
6	Automotive industries .	20,120	-	423	512	484	-	53,291
7	Agricultural, etc.	126	-	51	3,193	4,523	-	23,925
8	Building construction .	307	568	6,935	109,366	15,385	117,619	13,999
9	Container industry	-	-	91	-	-	-	258
10	Machinery and tools ...	5,692	466	1,763	3,205	1,530	3,290	32,914
11	Merchant trade	1,998	-	183,519	611	788	1,772	36,090
12	Mining, lumbering, etc.	572	3,948	356	2,401	572	131	24,004
13	National defence	6	-	-	-	-	464	119
14	Pressing, forming and stamping	1,373	-	73	646	5,389	155	5,083
15	Public works and utilities	-	-	-	400	137	8,428	192
16	Railway operating	30	115,710	51	770	314	76	3,615
17	Railway cars and locomotives	2,315	43	14	2,363	209	6	2,406
18	Shipbuilding	14	31	-	4,921	187	3	1,405
19	Pipes and tubes	63,264	-	-	-	10	-	4
20	Miscellaneous and unclassified	23	-	682	3	10	95	460
	Net shipments	137,249	198,431	199,731	187,597	46,853	189,938	262,721

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Six Months Ended June 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate(2)	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
389	59,445	53,399	8,759	879	64,172	35,555	401,044	4
								5
-	-	21,511	10	-	4,071	2,613	128,882	(a)
3,716	9,926	72,427	53	-	64,092	18,780	214,094	(b)
-	1,319	62,832	7,209	8,341	41,615	4,661	200,807	6
-	4,693	21,014	5,401	113	8,420	1,643	73,102	7
15	82,629	43,354	185	1,162	35,808	97,589	524,921	8
-	30	2,659	7	59	211,188	515	214,807	9
4	35,851	23,537	3,580	1,696	25,006	2,246	140,780	10
20	192	6,102	3,339	134	5,245	552	240,362	11
945	2,709	1,580	335	-	956	224	38,733	12
-	20	56	45	310	55	-	1,075	13
-	3,502	42,279	1,726	11,028	76,613	15,233	163,100	14
30	1,492	5	-	-	110	110	10,904	15
42,530	4,384	1,399	29	-	61	120	169,089	16
186	4,298	1,995	6	-	417	123	14,381	17
-	37,312	494	10	42	704	313	45,436	18
-	123,629	152,613	45	279	28,186	1,368	369,398	19
45	78	-	59	6,092	698	82	8,327	20
47,880	371,509	507,256	30,798	30,135	567,417	181,727	2,959,242	

(2) Includes silicon sheet and strip previously included under "Hot rolled sheets and strip".

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	May 1963	Five months ended May 1963
Pig iron	33,222	50,120
Sponge iron	576	2,829
Steel ingots	35,602	39,794
Blooms, billets, slab steel	5,884	58,663
Iron castings, n.e.s.	1,537	5,455
Steel castings	214	892
Forgings, n.e.s.	1,237	6,279
Bars steel, hot rolled	4,422	14,260
Wire rods steel, hot rolled	135	2,213
Bars steel, cold rolled	133	788
Plate steel	1,696	10,043
Sheet and strip, carbon steel, hot rolled	20,070	71,442
Sheet and strip, carbon steel, cold rolled	6,061	20,900
Sheet, strip, galvanized	5,602	13,678
Sheet and strip, n.e.s.	7,593	42,385
Structural shapes	2,501	10,802
Rails	1,238	41,326
Cast iron pipe	78	153
Pipes and tubes, iron and steel, n.e.s.	1,308	6,627
Totals	129,109	398,649

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	April 1963	Four months ended April 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	24	341
Ingots, carbon steel	46	233
Ingots, alloy steel	97	349
Blooms, billets and slabs, carbon steel	128	266
Blooms, billets and slabs, alloy steel	203	576
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	8,034	15,811
Bars, carbon steel, hot rolled n.o.p.	4,015	9,430
Bars, alloy steel, hot rolled	573	1,743
Wire rods, steel, hot rolled	3,472	8,971
Bars, carbon steel, cold drawn or cold finished	410	1,073
Bars, alloy steel, cold drawn or cold finished	56	189
Bars or rods, steel, fabricated n.o.p.	255	657
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	2,179	4,263
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	1,634	3,589
Plates, carbon steel, over 100 inches in width n.o.p.	674	1,033
Floor plate, carbon steel	577	1,070
Plates, fabricated or coated n.o.p.	375	685
Plates, flanged or dished, drilled or not	452	992
Plates, stainless steel (including carbon steel clad with stainless)	248	1,000
Plates, alloy steel n.o.p., except stainless ..	883	2,778
Plate, sheet or strip, not tempered or ground, for saws	198	828

TABLE Imports of Selected Forms of Iron and Steel - Continued

Commodity	April 1963	Four months ended April 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	56	184
Stainless and other alloy steel for pipes and tubes	50	80
Carbon steel, hot rolled, for pipes, over 60 inches in width	560	560
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	205	390
Carbon steel, cold rolled, for pipes and tubes	-	6
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	602	1,706
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	1,032	2,337
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	997	3,125
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	424	1,704
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	1,201	2,296
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	1,214	3,400
Sheet, and strip, carbon steel, finished for porcelain enamelling	147	646
Sheet and strip, carbon steel, coated with tin (tinplate)	835	1,726
Sheet and strip, carbon steel, coated with zinc (galvanized)	419	1,534
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	985	3,903
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	675	2,411
Sheet and strip, carbon steel, coated n.o.p. ..	475	1,978
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	5	59

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	April 1963	Four months ended April 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	132	626
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width		See page 21
Sheet, stainless steel, cold rolled, over 51 inches in width	117	143
Sheet and strip, silicon steel	1,776	7,517
Sheet and strip, alloy steel n.o.p.	100	353
Sheet and strip, corrugated or fabricated n.o.p.	137	349
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,742	12,141
Bearing pile, carbon steel	877	1,793
Wide flange beams, carbon steel n.o.p.	3,502	11,996
Structural shapes, carbon steel, large sizes n.o.p.	2,428	6,703
Structural shapes, carbon steel, intermediate sizes n.o.p.	2,518	5,005
Structural shapes, bar size, carbon steel	1,783	4,472
Sheet piling, carbon steel	775	3,501
Structural shapes, alloy steel	16	65
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	97	563
Structural shapes, fabricated n.o.p.	148	1,302
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	2	11
Tires of steel, in the rough, for railway vehicles	-	18

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	April 1963	Four months ended April 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	161	407
Railway rails, iron or steel	810	1,672
Fish plates, splice bars, rail joints and tie plates, iron or steel	224	583
Railway track material n.o.p.	7	38
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	182	496
Drill pipe	138	749
Oil country goods, steel n.o.p.	2,121	10,769
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	10	10
Corrugated metal culvert pipe	29	40
Mechanical tubing, steel	1,192	5,222
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,326	3,105
Tubes, seamless steel, for bearings	726	2,426
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	24	128
Pipes and tubes, steel welded n.o.p.	1,506	5,076
Pipes and tubes, steel, seamless, hot finished n.o.p.	661	1,708
Pipes and tubes, steel, seamless, cold finished n.o.p.	351	1,323
Pipes and tubes, iron or steel n.o.p.	436	2,418
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope,.....	2,401	7,636
Wire, steel, flat or shaped	61	164

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	April 1963	Four months ended April 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	55	460
Wire, iron or steel, not coated n.o.p.	745	1,710
Wire, steel, galvanized n.o.p.	1,043	2,380
Wire, iron or steel, coated n.o.p., except insulated	68	264
Wire, barbed, including galvanized	1,455	4,096
Wire strand, including twisted and braided, coated or not	77	199
Wire rope for use in logging, coated or not ...	102	466
Wire rope, coated or not n.o.p.	460	775
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	347	1,220
Welding rods and electrodes, n.o.p.	29	115
Welding wire	143	488
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel, hot rolled		
60 inches or less in width:		
thinner than 18 gauge	11	82
18 gauge and thicker	259	889
Sheet stainless steel, cold rolled, over		
18 inches to 51 inches in width:		
thinner than 18 gauge	475	1,794
18 gauge and heavier	459	1,786
<hr/>		
Total imports of selected forms of iron and steel	70,659	201,174

CATALOGUE No.

41-001

MONTHLY



CANADA

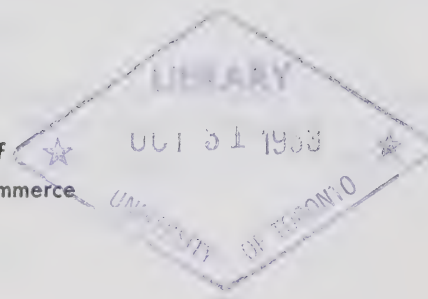
Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

JULY 1963

A new publication "Monthly Survey of Steel Warehousing", containing sales and inventory data for Canada and the provinces—Catalogue No. 63-010—is now available at 10 cents a copy, \$1.00 a year. First issue, July 1963.

Published by Authority of
The Minister of Trade and Commerce



DOMINION BUREAU OF STATISTICS

Industry Division

October 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 7

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

TABLE 1. Description of Iron Blast Furnaces(1) at End of July 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	July 1963	Seven months ended July 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	74,825	470,012
From foreign mines	137,984	1,073,391
Pyrite cinder	4,989	32,027
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	175,875	1,190,716
From foreign mines	290,787	1,635,774
From own processing	161,169	1,027,580
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	11,625	75,355
Scrap iron and steel	5,228	31,555
Limestone	65,266	466,365
Dolomite	36,367	222,886
Coke	309,761	2,069,204

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys July

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	396,289	2,161	456,268	6,433
Foundry (including silvery pig)(2)	31,809	42,578	31,677	38,447
Malleable	63,230	42,940	51,326	24,781
Total pig iron	491,328	87,679	539,271	69,661
Ferro-alloys	9,753	9,675	11,128	13,049
Stocks of pig iron on hand at end of month	411,690		299,456	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Seven Months Ended July

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	2,626,065	14,965	2,910,664	35,349
Foundry (including silvery pig)(2)	211,306	171,364	126,176	108,701
Malleable	298,641	221,216	294,977	158,854
Total pig iron	3,136,012	407,545	3,331,817	302,904
Ferro-alloys	76,516	70,038	79,239	79,818

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	July		Seven months ended July	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	406,814	430,276	2,626,236	2,891,807
Scrap - Own make	170,522	173,590	1,150,798	1,292,484
Purchased	108,624	128,217	866,693	1,085,711
Total pig iron and scrap	685,960	732,083	4,643,727	5,270,002

TABLE 7. Production and Shipments of Steel Ingots and Castings July

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	560,176	46,124	605,148	21,821
Electric	43,860	6,568	45,853	19,469
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	604,036	52,692	651,001	41,290
Alloy steel ingots included in above	21,225	752	28,341	1,003
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	187	187	321	321
Electric	6,862	8,522	6,121	6,020
Other	-	-	-	-
Total steel castings	7,049	8,709	6,442	6,341
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	302	211	318	315
High alloy, manganese and abrasion resistant ...	1,499	1,849	1,515	1,706
All other alloys	234	255	423	453
Total alloy castings	2,035	2,315	2,256	2,474

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Seven Months Ended July

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	3,676,306	101,204	4,220,347	82,331
Electric	372,301	53,086	434,525	72,515
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	4,048,607	154,290	4,654,872	154,846
Alloy steel ingots included in above	178,616	5,739	223,686	7,486
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,423	2,423	3,058	3,060
Electric	72,226	71,079	65,714	63,049
Other	-	-	-	-
Total steel castings	74,649	73,502	68,772	66,109
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	1,991	1,643	2,123	1,944
High alloy, manganese and abrasion resistant ...	12,063	11,920	11,510	11,760
All other alloys	2,764	2,702	3,576	3,431
Total alloy castings	16,818	16,265	17,209	17,135

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	July 1963		Seven months ended July 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	1	-	131
All other	28	235	491	1,841
Automotive industries	427	20	2,423	189
Agricultural, including implement and equipment manufacturers	93	11	620	118
Machinery and tools	1,488	400	9,621	3,301
Mining, lumbering and quarrying industries	801	1,222	5,765	6,801
Oil and gas, including refineries	11	8	204	149
National defence	18	18	138	103
Public works and public utilities	81	27	350	314
Railway operating	355	168	25,068	1,492
Railway cars and locomotives	266	67	2,550	323
Shipbuilding	91	3	409	66
Miscellaneous and unclassified	208	294	1,335	2,307
Total shipments	3,867	2,474	48,974	17,135

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		Total steel
			Ingots	Castings	
			net tons of 2,000 pounds		
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August					
September					
October					
November					
December					
Totals					

(1) Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings, July

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	18,815	20,310	12,597	18,222
Over 4 1/2" outside diameter (including all sizes of casing)	17,303	21,122	22,970	25,432
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,424	5,285	6,636	6,521
Totals	41,542	46,717	42,203	50,175
<u>Steel pipe fittings:</u>				
Buttwelding fittings	108	163	123	156
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	431	571	533	562
Totals	539	734	656	718

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings , Seven Months Ended July

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	128,572	116,526	103,638	105,936
Over 4 1/2 " outside diameter (including all sizes of casing)	102,393	95,012	220,596	215,588
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	44,593	45,274	44,440	39,474
Totals	275,558	256,812	368,674	360,998
<u>Steel pipe fittings:</u>				
Buttwelding fittings	719	796	979	1,090
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	3,127	3,575	3,499	3,825
Totals	3,846	4,371	4,478	4,915

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, July 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	18,010	9,413	9,413	-
For forging and piercing	13,241	11,637	-	11,637
Rails	35,637	39,067	-	39,067
Wire rods	29,285	30,817	-	30,817
Structural shapes:				
Heavy, including piling	27,460	31,373	-	31,373
Light	7,411	8,379	-	8,379
Concrete reinforcing bars	31,992	39,058	-	39,058
Other hot rolled bars	36,877	37,174	3,018	34,156
Tie plates and track material:				
Angle bars	1,633	1,613	-	1,613
Tie plates	4,653	6,436	-	6,436
Track spikes	537	620	-	620
Plates (including plates for pipes and tubes)	60,725	60,322	-	60,322
Hot rolled sheets and strip	251,995	254,887	173,960	80,927
Total hot rolled products ..	519,456	530,796	186,391	344,405
<u>Cold rolled and coated:</u>				
Cold finished bars	4,242	4,005	-	4,005
Cold reduced strip	3,720	3,698	-	3,698
Cold reduced sheets, tin mill black plate and tin plate	172,584	177,028	85,699	91,329
Galvanized sheets	37,097	36,958	-	36,958
Total cold rolled and coated .	217,643	221,689	85,699	135,990
Total carbon steel	737,099	752,485	272,090	480,395
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	2,926	2,878	-	2,878
Alloy plates	44	289	-	289
Other hot rolled bars, including high-speed steel and other alloy tool steel	12,544	10,140	27	10,113
Structurals	-	-	-	-
Cold finished bars	417	452	-	452
Wire rods	407	393	-	393
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,012	2,177	-	2,177
Total alloy steel	18,350	16,329	27	16,302

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Seven Months Ended July 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	116,518	107,271	70,270	37,001
For forging and piercing	104,016	99,771	-	99,771
Rails	224,425	237,498	-	237,498
Wire rods	231,354	228,906	-	228,906
Structural shapes:				
Heavy, including piling	222,746	218,970	-	218,970
Light	52,274	55,232	-	55,232
Concrete reinforcing bars	235,593	228,996	-	228,996
Other hot rolled bars	280,102	268,350	31,799	236,551
Tie plates and track material:				
Angle bars	11,927	11,810	-	11,810
Tie plates	39,042	38,313	-	38,313
Track spikes	5,983	6,426	-	6,426
Plates (including plates for pipes and tubes)	429,284	428,595	-	428,595
Hot rolled sheets and strip	1,710,007	1,718,285	1,141,352	576,933
Total hot rolled products ..	3,663,271	3,648,423	1,243,421	2,405,002
<u>Cold rolled and coated:</u>				
Cold finished bars	32,088	31,130	-	31,130
Cold reduced strip	36,486	33,833	-	33,833
Cold reduced sheets, tin mill black plate and tin plate	1,137,042	1,149,013	497,256	651,757
Galvanized sheets	216,584	218,685	-	218,685
Total cold rolled and coated .	1,422,200	1,432,661	497,256	935,405
Total carbon steel	5,085,471	5,081,084	1,740,677	3,340,407
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	42	42	42	-
For forging and piercing	13,404	14,992	-	14,992
Alloy plates	913	3,525	-	3,525
Other hot rolled bars, including high-speed steel and other alloy tool steel	74,485	71,228	789	70,439
Structurals	-	-	-	-
Cold finished bars	4,197	4,125	-	4,125
Wire rods	2,011	2,035	-	2,035
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	20,379	20,416	-	20,416
Total alloy steel	115,431	116,363	831	115,532

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		July 1963		Seven months ended July 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	69,167	468	466,610	4,069
5	Direct export:				
	(a) British Commonwealth	13,643	318	139,469	3,374
	(b) All other	60,721	2,237	261,587	15,465
6	Automotive industries	17,034	4,618	180,573	41,886
7	Agricultural, including implement and equipment manufacturers	10,587	453	82,051	2,091
8	Building construction	101,970	271	623,821	3,341
9	Container industry	42,844	19	256,909	761
10	Machinery and tools	21,068	2,565	144,288	20,125
11	Merchant trade products	35,840	1,496	270,193	7,505
12	Mining, lumbering, etc.	5,146	1,350	37,010	8,219
13	National defence	123	10	1,054	154
14	Pressing, forming and stamping	18,425	258	178,226	3,557
15	Public works and utilities	3,093	-	13,997	-
16	Railway operating	19,209	31	188,141	188
17	Railway cars and locomotives	4,302	28	18,545	166
18	Shipbuilding	8,109	9	53,319	235
19	Pipes and tubes	48,132	2,174	415,338	4,366
20	Miscellaneous and unclassified	982	-	9,276	33
	Net shipments	480,395	16,305	3,340,407	115,535

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	125	721	8,084	3,168	10,658	7,388
5	Direct export:							
	(a) British Commonwealth	-	13,402	-	-	-	-	283
	(b) All other	255	12,114	173	845	18	289	3,608
6	Automotive industries .	937	-	15	120	116	-	6,692
7	Agricultural, etc.	-	-	18	280	589	-	5,462
8	Building construction .	34	146	1,111	20,020	3,097	24,908	2,826
9	Container industry	-	-	2	-	-	-	98
10	Machinery and tools ...	944	10	157	454	407	399	5,676
11	Merchant trade	393	-	28,906	20	43	4	5,487
12	Mining, lumbering, etc.	38	446	56	219	-	17	5,007
13	National defence	-	-	-	-	-	22	107
14	Pressing, forming and stamping	52	-	27	25	503	-	555
15	Public works and utilities	-	-	-	64	28	2,632	28
16	Railway operating	5	12,817	21	252	114	15	465
17	Railway cars and locomotives	883	-	-	405	136	-	176
18	Shipbuilding	1	7	-	585	160	24	298
19	Pipes and tubes	10,973	-	-	-	-	-	26
20	Miscellaneous and unclassified	-	-	3	-	-	90	87
	Net shipments	14,515	39,067	31,210	31,373	8,379	39,058	44,269

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, July 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
48	13,445	9,029	1,661	89	8,599	6,620	69,635	4
								5
-	-	265	11	-	-	-	13,961	(a)
3,885	977	20,717	-	-	14,504	5,573	62,958	(b)
1	146	7,019	915	1,031	4,047	613	21,652	6
-	568	2,255	528	9	1,058	273	11,040	7
1	15,333	7,986	28	201	5,234	21,316	102,241	8
-	-	464	-	23	42,189	87	42,863	9
-	6,897	4,317	481	336	3,502	53	23,633	10
12	4	1,039	448	-	851	129	37,336	11
28	122	253	48	-	242	20	6,496	12
-	-	2	2	-	-	-	133	13
-	568	6,180	255	1,269	7,455	1,794	18,683	14
-	-	26	-	-	315	-	3,093	15
4,573	448	358	8	-	9	155	19,240	16
121	1,615	982	12	-	-	-	4,330	17
-	6,819	131	1	-	-	92	8,118	18
-	13,669	21,172	-	19	4,233	214	50,306	19
-	-	-	62	721	-	19	982	20
8,669	60,611	82,195	4,460	3,698	92,238	36,958	496,700	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July 1963

July 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	47	907	4,378	63,863	20,145	63,180	56,070
5	Direct export:							
	(a) British Commonwealth	37,001	76,060	38	79	-	-	1,184
	(b) All other	4,616	26,339	2,251	4,193	356	5,666	18,981
6	Automotive industries .	21,057	-	438	632	600	-	59,983
7	Agricultural, etc.	126	-	69	3,473	5,112	-	29,387
8	Building construction .	341	714	8,046	129,386	18,482	142,527	16,825
9	Container industry	-	-	93	-	-	-	356
10	Machinery and tools ...	6,636	476	1,920	3,659	1,937	3,689	38,590
11	Merchant trade	2,391	-	212,425	631	831	1,776	41,577
12	Mining, lumbering, etc.	610	4,394	412	2,620	572	148	29,011
13	National defence	6	-	-	-	-	486	226
14	Pressing, forming and stamping	1,425	-	100	671	5,892	155	5,638
15	Public works and utilities	-	-	-	464	165	11,060	220
16	Railway operating	35	128,527	72	1,022	428	91	4,080
17	Railway cars and locomotives	3,198	43	14	2,768	345	6	2,582
18	Shipbuilding	15	38	-	5,506	347	27	1,703
19	Pipes and tubes	74,237	-	-	-	10	-	30
20	Miscellaneous and unclassified	23	-	685	3	10	185	547
	Net shipments	151,764	237,498	230,941	218,970	55,232	228,996	306,990

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Seven Months Ended July 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
437	72,890	62,428	10,420	968	72,771	42,175	470,679	4
								5
-	-	21,776	21	-	4,071	2,613	142,843	(a)
7,601	10,903	93,144	53	-	78,596	24,353	277,052	(b)
1	1,465	69,851	8,124	9,372	45,662	5,274	222,459	6
-	5,261	23,269	5,929	122	9,478	1,916	84,142	7
16	97,962	51,340	213	1,363	41,042	118,905	627,162	8
-	30	3,123	7	82	253,377	602	257,670	9
4	42,748	27,854	4,061	2,032	28,508	2,299	164,413	10
32	196	7,141	3,787	134	6,096	681	277,698	11
973	2,831	1,833	383	-	1,198	244	45,229	12
-	20	58	47	310	55	-	1,208	13
-	4,070	48,459	1,981	12,297	84,068	17,027	181,783	14
30	1,492	31	-	-	425	110	13,997	15
47,103	4,832	1,757	37	-	70	275	188,329	16
307	5,913	2,977	18	-	417	123	18,711	17
-	44,131	625	11	42	704	405	53,554	18
-	137,298	173,785	45	298	32,419	1,582	419,704	19
45	78	-	121	6,813	698	101	9,309	20
56,549	432,120	589,451	35,258	33,833	659,655	218,685	3,455,942	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	June 1963	Six months ended June 1963
Pig iron	27,086	77,206
Sponge iron	481	3,310
Steel ingots	30,607	70,401
Blooms, billets, slab steel	1,583	60,246
Iron castings, n.e.s.	1,125	6,580
Steel castings	250	1,142
Forgings, n.e.s.	1,365	7,644
Bars steel, hot rolled	2,385	16,645
Wire rods steel, hot rolled	148	2,361
Bars steel, cold rolled	95	883
Plate steel	1,022	11,065
Sheet and strip, carbon steel, hot rolled	29,095	100,537
Sheet and strip, carbon steel, cold rolled	5,081	25,981
Sheet, strip, galvanized	5,308	18,986
Sheet and strip, n.e.s.	9,959	52,344
Structural shapes	1,513	12,315
Rails	10,434	51,760
Cast iron pipe	132	285
Pipes and tubes, iron and steel, n.e.s.	412	7,039
Totals	128,081	526,730

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	May 1963	Five months ended May 1963
net tons of 2,000 pounds		
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	5,669	6,010
Ingots, carbon steel	5	238
Ingots, alloy steel	50	399
Blooms, billets and slabs, carbon steel	45	311
Blooms, billets and slabs, alloy steel	132	708
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	11,607	27,418
Bars, carbon steel, hot rolled n.o.p.	4,141	13,571
Bars, alloy steel, hot rolled	469	2,211
Wire rods, steel, hot rolled	8,771	17,742
Bars, carbon steel, cold drawn or cold finished	322	1,395
Bars, alloy steel, cold drawn or cold finished	47	236
Bars or rods, steel, fabricated n.o.p.	248	905
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	2,935	7,198
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	2,579	6,168
Plates, carbon steel, over 100 inches in width n.o.p.	556	1,589
Floor plate, carbon steel	691	1,761
Plates, fabricated or coated n.o.p.	575	1,260
Plates, flanged or dished, drilled or not	300	1,293
Plates, stainless steel (including carbon steel clad with stainless)	184	1,184
Plates, alloy steel n.o.p., except stainless ..	526	3,304
Plate, sheet or strip, not tempered or ground, for saws	308	1,136

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 1963
net tons of 2,000 pounds		
Plates, sheet and strip - Continued:		
Plate, sheet or strip, hardened, tempered or ground, for saws	38	222
Stainless and other alloy steel for pipes and tubes	180	260
Carbon steel, hot rolled, for pipes, over 60 inches in width	2,858	3,423(1)
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	390
Carbon steel, cold rolled, for pipes and tubes	6	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	1,036	2,742
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	551	2,888
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	834	3,959
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	1,072	2,776
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	453	2,749
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	699	4,099
Sheet, and strip, carbon steel, finished for porcelain enamelling	302	948
Sheet and strip, carbon steel, coated with tin (tinplate)	978	2,704
Sheet and strip, carbon steel, coated with zinc (galvanized)	256	1,790
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,085	4,988
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	405	2,816
Sheet and strip, carbon steel, coated n.o.p. ..	411	2,389
Sheet and strip stainless steel, hot rolled, 60 inches or less in width		See page 21
Sheet, stainless steel, hot rolled, over 60 inches in width	6	65

(1) April should have read 565 instead of 560

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	156	782
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	11	154
Sheet and strip, silicon steel	1,936	9,453
Sheet and strip, alloy steel n.o.p.	150	503
Sheet and strip, corrugated or fabricated n.o.p.	87	436
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,076	15,217
Bearing pile, carbon steel	73	1,866
Wide flange beams, carbon steel n.o.p.	8,130	20,126
Structural shapes, carbon steel, large sizes n.o.p.	4,016	10,719
Structural shapes, carbon steel, intermediate sizes n.o.p.	4,255	9,260
Structural shapes, bar size, carbon steel	5,680	10,152
Sheet piling, carbon steel	1,737	5,238
Structural shapes, alloy steel	98	163
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	325	888
Structural shapes, fabricated n.o.p.	373	1,675
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	268	279
Tires of steel, in the rough, for railway vehicles	16	34

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	May 1963	Five months ended May 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	175	582
Railway rails, iron or steel	3,271	4,943
Fish plates, splice bars, rail joints and tie plates, iron or steel	911	1,494
Railway track material n.o.p.	21	59
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	297	793
Drill pipe	195	944
Oil country goods, steel n.o.p.	1,962	12,731
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	4	14
Corrugated metal culvert pipe	2	42
Mechanical tubing, steel	1,273	6,495
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,095	4,200
Tubes, seamless steel, for bearings	886	3,312
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	42	170
Pipes and tubes, steel welded n.o.p.	2,627	7,703
Pipes and tubes, steel, seamless, hot finished n.o.p.	613	2,321
Pipes and tubes, steel, seamless, cold finished n.o.p.	249	1,572
Pipes and tubes, iron or steel n.o.p.	716	3,134
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,819	9,455
Wire, steel, flat or shaped	56	220

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	May 1963	Five months ended May 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	229	689
Wire, iron or steel, not coated n.o.p.	1,028	2,738
Wire, steel, galvanized n.o.p.	721	3,101
Wire, iron or steel, coated n.o.p., except insulated	136	400
Wire, barbed, including galvanized	1,723	5,819
Wire strand, including twisted and braided, coated or not	100	299
Wire rope for use in logging, coated or not ...	228	694
Wire rope, coated or not n.o.p.	373	1,148
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	390	1,610
Welding rods and electrodes, n.o.p.	30	145
Welding wire	117	560(1)
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel, hot rolled 60 inches or less in width:		
Thinner than 18 gauge	11	93
18 gauge and thicker	428	1,317
Sheet stainless steel, cold rolled, over 18 inches to 51 inches in width:		
Thinner than 18 gauge	424	2,218
18 gauge and heavier	283	2,069
Total imports of selected forms of iron and steel	104,152	305,286

(1) Includes revision for January 1963.



CANADA

Canada. Statistics, Bureau of
111

PRIMARY IRON AND STEEL

AUGUST 1963

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

November 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 8

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

TABLE 1. Description of Iron Blast Furnaces(1) at End of August 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	August 1963	Eight months ended August 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	53,411	523,423
From foreign mines	173,984	1,247,375
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	176,239	1,366,955
From foreign mines	291,764	1,927,538
From own processing	152,065	1,179,645
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	17,155	124,537
Scrap iron and steel	6,517	38,072
Limestone	67,248	533,613
Dolomite	38,558	261,444
Coke	314,725	2,383,929

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys August

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	400,611	11,555	453,611	2,959
Foundry (including silvery pig)(2)	27,501	37,791	36,518	35,404
Malleable	64,222	37,930	55,343	38,673
Total pig iron	492,334	87,276	545,472	77,036
Ferro-alloys	11,188	13,259	12,258	13,332
Stocks of pig iron on hand at end of month	403,028		318,340	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Eight Months Ended August

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	3,026,676	26,520	3,364,275	38,308
Foundry (including silvery pig)(2)	238,807	209,155	162,694	144,105
Malleable	362,863	259,146	350,320	197,527
Total pig iron	3,628,346	494,821	3,877,289	379,940
Ferro-alloys	87,704	83,297	91,497	93,150

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January 1963

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	August		Eight months ended August	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	413,079	443,548	3,039,315	3,335,355
Scrap - Own make	178,704	194,885	1,329,502	1,487,369
Purchased	141,026	141,365	1,007,719	1,227,076
Total pig iron and scrap	732,809	779,798	5,376,536	6,049,800

TABLE 7. Production and Shipments of Steel Ingots and Castings August

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	588,398	31,307	625,037	21,757
Electric	52,254	6,690	67,084	10,310
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	640,652	37,997	692,121	32,067
Alloy steel ingots included in above	27,503	880	35,654	555
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	252	252	552	552
Electric	10,370	8,609	7,600	7,210
Other	-	-	-	-
Total steel castings	10,622	8,861	8,152	7,762
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	162	159	266	256
High alloy, manganese and abrasion resistant ...	1,564	1,655	1,691	1,467
All other alloys	468	451	237	374
Total alloy castings	2,194	2,265	2,194	2,097

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings, Eight Months Ended August

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	4,264,704	132,511	4,845,384	104,088
Electric	424,555	59,776	501,609	82,825
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	4,689,259	192,287	5,346,993	186,913
Alloy steel ingots included in above	206,119	6,619	259,340	8,041
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,675	2,675	3,610	3,612
Electric	82,596	79,688	73,314	70,259
Other	-	-	-	-
Total steel castings	85,271	82,363	76,924	73,871
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	2,153	1,802	2,389	2,200
High alloy, manganese and abrasion resistant ...	13,627	13,575	13,201	13,227
All other alloys	3,232	3,153	3,813	3,805
Total alloy castings	19,012	18,530	19,403	19,232

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments (1) of Steel Castings

	August 1963		Eight months ended August 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	131
All other	133	117	624	1,958
Automotive industries	463	20	2,886	209
Agricultural, including implement and equipment manufacturers	55	22	675	140
Machinery and tools	1,429	433	11,050	3,734
Mining, lumbering and quarrying industries	823	939	6,588	7,740
Oil and gas, including refineries	11	6	215	155
National defence	14	22	152	125
Public works and public utilities	15	29	365	343
Railway operating	2,023	159	27,091	1,651
Railway cars and locomotives	347	72	2,897	395
Shipbuilding	66	6	475	72
Miscellaneous and unclassified	286	272	1,621	2,579
Total shipments	5,665	2,097	54,639	19,232

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September					
October					
November					
December					
Totals					

(1) Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings August

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	16,418	18,330	21,402	14,685
Over 4 1/2" outside diameter (including all sizes of casing)	23,172	22,096	20,438	27,488
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,928	5,748	7,278	6,744
Totals	45,518	46,174	49,118	48,917
<u>Steel pipe fittings:</u>				
Buttwelding fittings	93	128	113	192
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	556	603	535	542
Totals	646	731	648	734

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings, Eight Months Ended August

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	144,990	134,856	125,040	120,621
Over 4 1/2 " outside diameter (including all sizes of casing)	125,565	117,108	241,034	243,076
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	50,521	51,022	51,718	46,218
Totals	321,076	302,986	417,792	409,915
<u>Steel pipe fittings:</u>				
Buttwelding fittings	812	924	1,092	1,282
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	3,680	4,178	4,034	4,367
Totals	4,492	5,102	5,126	5,649

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, August 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	12,940	20,136	8,544	11,592
For forging and piercing	10,983	12,965	-	12,965
Rails	21,093	21,576	-	21,576
Wire rods	35,496	35,069	-	35,069
Structural shapes:				
Heavy, including piling	37,611	32,571	-	32,571
Light	7,105	5,657	-	5,657
Concrete reinforcing bars	33,228	42,685	-	42,685
Other hot rolled bars	35,975	35,660	3,155	32,505
Tie plates and track material:				
Angle bars	1,217	1,225	-	1,225
Tie plates	3,257	1,317	-	1,317
Track spikes	504	394	-	394
Plates (including plates for pipes and tubes)	59,988	62,161	-	62,161
Hot rolled sheets and strip	254,918	237,174	168,905	68,269
Total hot rolled products ..	514,315	508,590	180,604	327,986
<u>Cold rolled and coated:</u>				
Cold finished bars	3,323	3,455	-	3,455
Cold reduced strip	4,315	4,139	-	4,139
Cold reduced sheets, tin mill black plate and tin plate	176,682	181,852	87,032	94,820
Galvanized sheets	41,410	38,332		38,332
Total cold rolled and coated .	225,730	227,778	87,032	140,746
Total carbon steel	740,045	736,368	267,636	468,732
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	7	7	7	-
For forging and piercing	3,944	3,921	-	3,921
Alloy plates	102	38	-	38
Other hot rolled bars, including high-speed steel and other alloy tool steel	11,429	15,477	-	15,334
Structurals	-	-	-	-
Cold finished bars	610	700	143	700
Wire rods	317	297	-	297
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,108	3,142	-	3,142
Total alloy steel	19,517	23,582	150	23,432

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eight Months Ended August 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	129,458	127,407	78,814	48,593
For forging and piercing	114,999	112,736	-	112,736
Rails	245,518	259,074	-	259,074
Wire rods	266,850	263,975	-	263,975
Structural shapes:				
Heavy, including piling	260,357	251,541	-	251,541
Light	59,379	60,889	-	60,889
Concrete reinforcing bars	268,821	271,681	-	271,681
Other hot rolled bars	316,077	304,010	34,954	269,056
Tie plates and track material:				
Angle bars	13,144	13,035	-	13,035
Tie plates	42,299	39,630	-	39,630
Track spikes	6,487	6,820	-	6,820
Plates (including plates for pipes and tubes)	489,272	490,756	-	490,756
Hot rolled sheets and strip	1,964,925	1,955,459	1,310,257	645,202
Total hot rolled products ..	4,177,586	4,157,013	1,424,025	2,732,988
<u>Cold rolled and coated:</u>				
Cold finished bars	35,411	34,585	-	34,585
Cold reduced strip	40,801	37,972	-	37,972
Cold reduced sheets, tin mill black plate and tin plate	1,313,724	1,330,865	584,288	746,577
Galvanized sheets	257,994	257,017	-	257,017
Total cold rolled and coated ..	1,647,930	1,660,439	584,288	1,076,151
Total carbon steel	5,825,516	5,817,452	2,008,313	3,809,139
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	49	49	49	-
For forging and piercing	17,348	18,913	-	18,913
Alloy plates	1,015	3,563	-	3,563
Other hot rolled bars, including high-speed steel and other alloy tool steel	85,914	86,705	932	85,773
Structurals	-	-	-	-
Cold finished bars	4,807	4,825	-	4,825
Wire rods	2,328	2,332	-	2,332
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	23,487	23,558	-	23,558
Total alloy steel	134,948	139,945	981	138,964

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		August 1963		Eight months ended August 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	68,426	537	535,036	4,606
5	Direct export:				
	(a) British Commonwealth	11,862	514	126,455	3,888
	(b) All other	31,191	1,841	317,654	17,306
6	Automotive industries	26,788	11,070	207,361	52,956
7	Agricultural, including implement and equipment manufacturers	9,784	141	91,835	2,232
8	Building construction	109,515	77	733,336	3,418
9	Container industry	39,280	54	296,189	815
10	Machinery and tools	18,357	2,899	162,645	23,024
11	Merchant trade products	39,042	1,151	309,235	8,656
12	Mining, lumbering, etc.	4,553	1,918	41,563	10,137
13	National defence	59	11	1,113	165
14	Pressing, forming and stamping	24,643	733	202,869	4,290
15	Public works and utilities	3,054	-	17,051	-
16	Railway operating	23,010	60	211,151	248
17	Railway cars and locomotives	4,721	-	23,266	166
18	Shipbuilding	6,561	15	59,880	250
19	Pipes and tubes	46,403	2,411	461,741	6,777
20	Miscellaneous and unclassified	1,483	-	10,759	33
	Net shipments	468,732	23,432	3,809,139	138,967

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	312	491	7,925	1,860	10,436	7,141
5	Direct export:							
	(a) British Commonwealth	11,592	-	-	-	-	-	380
	(b) All other	634	753	384	1,499	21	289	3,002
6	Automotive industries .	2,791	-	42	41	5	-	14,718
7	Agricultural, etc.	128	-	4	771	557	-	3,644
8	Building construction .	-	38	1,236	20,170	2,421	28,904	2,203
9	Container industry	-	-	16	-	-	121	5
10	Machinery and tools ...	1,118	142	188	578	195	476	4,929
11	Merchant trade	177	-	32,710	44	10	-	4,681
12	Mining, lumbering, etc.	6	1,212	13	18	30	-	4,637
13	National defence	-	23	-	-	-	22	5
14	Pressing, forming and stamping	340	-	16	104	236	5	719
15	Public works and utilities	2	-	2	72	-	2,307	388
16	Railway operating	-	19,088	1	123	222	6	652
17	Railway cars and locomotives	189	8	1	761	67	-	563
18	Shipbuilding	11	-	-	443	13	-	107
19	Pipes and tubes	11,490	-	-	22	20	-	3
20	Miscellaneous and unclassified	-	-	262	-	-	119	62
	Net shipments	28,478	21,576	35,366	32,571	5,657	42,685	47,839

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, August 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
49	15,080	7,597	845	130	9,514	7,583	68,963	4
								5
-	-	402	2	-	-	-	12,376	(a)
600	1,351	9,845	-	-	12,049	2,605	33,032	(b)
-	155	9,571	1,277	901	7,498	859	37,858	6
-	728	2,476	485	13	796	323	9,925	7
1	16,314	8,968	44	104	6,118	23,071	109,592	8
-	10	582	2	5	38,554	39	39,334	9
-	4,855	3,455	587	477	3,722	534	21,256	10
-	7	846	502	19	1,015	182	40,193	11
11	161	108	63	-	187	25	6,471	12
-	-	3	17	-	-	-	70	13
-	1,200	6,789	307	1,446	11,599	2,615	25,376	14
64	40	-	-	-	179	-	3,054	15
2,208	504	145	2	-	84	35	23,070	16
-	2,411	679	-	44	(- 2)	-	4,721	17
-	5,708	143	19	-	-	132	6,576	18
-	13,555	18,500	3	133	4,759	329	48,814	19
3	120	-	-	867	50	-	1,483	20
2,936	62,199	70,109	4,155	4,139	96,122	38,332	492,164	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August 1963

August 1965								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	47	1,219	4,869	71,788	22,005	73,616	63,211
5	Direct export:							
	(a) British Commonwealth	48,593	76,060	38	79	-	-	1,564
	(b) All other	5,250	27,092	2,635	5,692	377	5,955	21,983
6	Automotive industries .	23,848	-	480	673	605	-	74,701
7	Agricultural, etc.	254	-	73	4,244	5,669	-	33,031
8	Building construction .	341	752	9,282	149,556	20,903	171,431	19,028
9	Container industry	-	-	109	-	-	121	361
10	Machinery and tools ...	7,754	618	2,108	4,237	2,132	4,165	43,519
11	Merchant trade	2,568	-	245,135	675	841	1,776	46,258
12	Mining, lumbering, etc.	616	5,606	425	2,638	602	148	33,648
13	National defence	6	23	-	-	-	508	231
14	Pressing, forming and stamping	1,765	-	116	775	6,128	160	6,357
15	Public works and utilities	2	-	2	536	165	13,367	608
16	Railway operating	35	147,615	73	1,145	650	97	4,732
17	Railway cars and locomotives	3,387	51	15	3,529	412	6	3,145
18	Shipbuilding	26	38	-	5,949	360	27	1,810
19	Pipes and tubes	85,727	-	-	22	30	-	33
20	Miscellaneous and unclassified	23	-	947	3	10	304	609
	Net shipments	180,242	259,074	266,307	251,541	60,889	271,681	354,829

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eight Months Ended August 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
486	87,970	70,025	11,265	1,098	82,285	49,758	539,642	4
								5
-	-	3,149	23	-	837	-	130,343	(a)
8,201	12,254	122,018	53	-	93,879	29,571	334,960	(b)
1	1,620	79,422	9,401	10,273	53,160	6,133	260,317	6
-	5,989	25,745	6,414	135	10,274	2,239	94,067	7
17	114,276	60,308	257	1,467	47,160	141,976	736,754	8
-	40	3,705	9	87	291,931	641	297,004	9
4	47,603	31,309	4,648	2,509	32,230	2,833	185,669	10
32	203	7,987	4,289	153	7,111	863	317,891	11
984	2,992	1,941	446	-	1,385	269	51,700	12
-	20	61	64	310	55	-	1,278	13
-	5,270	55,248	2,288	13,743	95,667	19,642	207,159	14
94	1,532	31	-	-	604	110	17,051	15
49,311	5,336	1,902	39	-	154	310	211,399	16
307	8,324	3,656	18	44	415	123	23,432	17
-	49,839	768	30	42	704	537	60,130	18
-	150,853	192,285	48	431	37,178	1,911	468,518	19
48	198	-	121	7,680	748	101	10,792	20
59,485	494,319	659,560	39,413	37,972	755,777	257,017	3,948,106	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	July 1963	August 1963	Eight months ended August 1963
Pig iron	47,054	60,974	185,234
Sponge iron	375	484	4,169
Steel ingots	24,151	144,939	239,491
Blooms, billets, slab steel	20,929	9,739	90,914
Iron castings, n.e.s.	1,705	1,299	9,585
Steel castings	229	171	1,541
Forgings, n.e.s.	1,300	576	9,520
Bars steel, hot rolled	2,307	2,840	21,792
Wire rods steel, hot rolled	391	184	2,937
Bars steel, cold rolled	97	192	1,173
Plate steel	1,134	863	13,062
Sheet and strip, carbon steel, hot rolled	12,530	18,811	131,879
Sheet and strip, carbon steel, cold rolled	5,358	3,255	34,593
Sheet, strip, galvanized	5,747	2,711	27,443
Sheet and strip, n.e.s.	10,486	7,296	70,127
Structural shapes	3,125	3,601	19,041
Rails	28,378	11,462	91,600
Cast iron pipe	72	55	413
Pipes and tubes, iron and steel, n.e.s.	3,476	2,510	13,025
Totals	168,844	271,962	967,539

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	June 1963	Six months ended June 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	59	6,069
Ingots, carbon steel	22	260
Ingots, alloy steel	151	550
Blooms, billets and slabs, carbon steel	38	349
Blooms, billets and slabs, alloy steel	67	775
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	10,160	37,578
Bars, carbon steel, hot rolled n.o.p.	4,035	17,606
Bars, alloy steel, hot rolled	564	2,775
Wire rods, steel, hot rolled	8,860	26,602
Bars, carbon steel, cold drawn or cold finished	403	1,798
Bars, alloy steel, cold drawn or cold finished	39	275
Bars or rods, steel, fabricated n.o.p.	267	1,172
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	3,079	10,277
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	2,973	9,141
Plates, carbon steel, over 100 inches in width n.o.p.	338	1,927
Floor plate, carbon steel	627	2,388
Plates, fabricated or coated n.o.p.	444	1,704
Plates, flanged or dished, drilled or not	305	1,598
Plates, stainless steel (including carbon steel clad with stainless)	185	1,369
Plates, alloy steel n.o.p., except stainless ..	209	3,513
Plate, sheet or strip, not tempered or ground, for saws	227	1,363

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	June 1963	Six months ended June 1963
	net tons of 2,000 pounds	
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	34	256
Stainless and other alloy steel for pipes and tubes	140	400
Carbon steel, hot rolled, for pipes, over 60 inches in width	10,113	13,536
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	390
Carbon steel, cold rolled, for pipes and tubes	-	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	1,016	3,758
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	5,100	7,988
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	1,013	4,972
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	420	3,196
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	458	3,207
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	639	4,738
Sheet, and strip, carbon steel, finished for porcelain enamelling	124	1,072
Sheet and strip, carbon steel, coated with tin (tinplate)	143	2,847
Sheet and strip, carbon steel, coated with zinc (galvanized)	365	2,155
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,215	6,203
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	502	3,318
Sheet and strip, carbon steel, coated n.o.p. ..	242	2,631
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	13	78

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	June 1963	Six months ended June 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	160	942
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	2	156
Sheet and strip, silicon steel	1,793	11,246
Sheet and strip, alloy steel n.o.p.	131	634
Sheet and strip, corrugated or fabricated n.o.p.	57	493
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	1,844	17,061
Bearing pile, carbon steel	-	1,866
Wide flange beams, carbon steel n.o.p.	3,324	23,450
Structural shapes, carbon steel, large sizes n.o.p.	2,351	13,070
Structural shapes, carbon steel, intermediate sizes n.o.p.	4,942	14,202
Structural shapes, bar size, carbon steel	2,859	13,011
Sheet piling, carbon steel	1,257	6,495
Structural shapes, alloy steel	39	202
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	199	1,087
Structural shapes, fabricated n.o.p.	217	1,892
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	73	352
Tires of steel, in the rough, for railway vehicles	9	43

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	June 1963	Six months ended June 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	41	623
Railway rails, iron or steel	276	5,219
Fish plates, splice bars, rail joints and tie plates, iron or steel	61	1,555
Railway track material n.o.p.	7	66
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	130	923
Drill pipe	270	1,214
Oil country goods, steel n.o.p.	2,497	15,228
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	98	112
Corrugated metal culvert pipe	-	42
Mechanical tubing, steel	962	7,457
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	627	4,827
Tubes, seamless steel, for bearings	552	3,864
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	14	184
Pipes and tubes, steel welded n.o.p.	4,127	11,830
Pipes and tubes, steel, seamless, hot finished n.o.p.	859	3,180
Pipes and tubes, steel, seamless, cold finished n.o.p.	317	1,889
Pipes and tubes, iron or steel n.o.p.	587	3,721
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,946	11,401
Wire, steel, flat or shaped	45	265

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	June 1963	Six months ended June 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	58	747
Wire, iron or steel, not coated n.o.p.	740	3,478
Wire, steel, galvanized n.o.p.	955	4,056
Wire, iron or steel, coated n.o.p., except insulated	55	455
Wire, barbed, including galvanized	814	6,633
Wire strand, including twisted and braided, coated or not	65	364
Wire rope for use in logging, coated or not ...	181	875
Wire rope, coated or not n.o.p.	183	1,331
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	312	1,922
Welding rods and electrodes, n.o.p.	23	168
Welding wire	66	626
<u>Plates, sheet, and strip:</u>		
Sheet and strip stainless steel, hot rolled 60 inches or less in width:		
Thinner than 18 guage	20	113
18 guage and thicker	208	1,525
Sheet stainless steel, cold rolled, over 18 inches to 51 inches in width:		
Thinner than 18 guage	545	2,763
18 guage and heavier	268	2,337
Total imports of selected forms of iron and steel	91,755	397,041

CATALOGUE No.

41-001

MONTHLY



CANADA



Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL
SEPTEMBER 1963

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

December 1963
6523-502

Price \$3.00 per year
30 cents per copy

Vol. 18—No. 9

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

TABLE 1. Description of Iron Blast Furnaces(1) at End of September 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	59,438	582,861
From foreign mines	134,630	1,382,005
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	146,119	1,513,074
From foreign mines	301,998	2,229,536
From own processing	118,171	1,297,816
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	17,441	141,978
Scrap iron and steel	6,824	44,896
Limestone	61,803	595,416
Dolomite	36,853	298,297
Coke	292,476	2,676,405

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys September

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	388,915	5,797	429,361	7,173
Foundry (including silvery pig)(2)	4,938	17,860	33,839	48,140
Malleable	51,495	49,754	41,601	36,811
Total pig iron	445,348	73,411	504,801	92,124
Ferro-alloys	11,572	11,084	13,526	11,448
Stocks of pig iron on hand at end of month	381,348		304,768	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Nine Months Ended September

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	3,415,591	32,317	3,793,636	45,481
Foundry (including silvery pig)(2)	243,745	227,015	196,533	192,245
Malleable	414,358	308,900	391,921	234,338
Total pig iron	4,073,694	568,232	4,382,090	472,064
Ferro-alloys	99,276	94,381	105,023	104,598

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January

		Annual capacity
		net tons of 2,000 pounds
Ingots - Basic open hearth		5,002,000
Electric		954,000
Oxygen		1,870,000
Total ingots		7,826,000
Steel castings		487,400
Total ingots and castings		8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	September		Nine months ended September	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	388,552	421,949	3,427,867	3,757,304
Scrap - Own make	169,678	190,154	1,499,180	1,677,523
Purchased	136,620	131,054	1,144,339	1,358,130
Total pig iron and scrap	694,850	743,157	6,071,386	6,792,957

TABLE 7. Production and Shipments of Steel Ingots and Castings September

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	553,132	15,299	597,074	18,725
Electric	55,054	7,670	62,583	9,215
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	608,186	22,969	659,657	27,940
Alloy steel ingots included in above	22,630	844	33,636	948
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	300	300	647	647
Electric	10,240	10,148	9,942	12,458
Other	-	-	-	-
Total steel castings	10,540	10,448	10,589	13,105
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	285	252	254	236
High alloy, manganese and abrasion resistant ...	1,934	1,984	2,340	1,819
All other alloys	509	587	902	743
Total alloy castings	2,728	2,823	3,496	2,798

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Nine Months Ended September

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	4,817,836	147,810	5,442,458	122,813
Electric	479,609	67,446	564,192	92,040
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	5,297,445	215,256	6,006,650	214,853
Alloy steel ingots included in above	228,749	7,463	292,976	8,989
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	2,975	2,975	4,257	4,259
Electric	92,836	89,836	83,256	82,717
Other	-	-	-	-
Total steel castings	95,811	92,811	87,513	86,976
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	2,438	2,054	2,643	2,436
High alloy, manganese and abrasion resistant ...	15,561	15,559	15,541	15,046
All other alloys	3,741	3,740	4,715	4,548
Total alloy castings	21,740	21,353	22,899	22,030

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	September 1963		Nine months ended September 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	-	-	131
All other	159	401	783	2,359
Automotive industries	363	29	3,249	238
Agricultural, including implement and equipment manufacturers	96	24	771	164
Machinery and tools	1,550	428	12,600	4,162
Mining, lumbering and quarrying industries	1,209	1,161	7,797	8,901
Oil and gas, including refineries	11	16	226	171
National defence	18	30	170	155
Public works and public utilities	52	18	417	361
Railway operating	5,544	315	32,635	1,966
Railway cars and locomotives	896	68	3,793	463
Shipbuilding	148	6	623	78
Miscellaneous and unclassified	252	302	1,873	2,881
Total shipments	10,298	2,798	64,937	22,030

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September	504,801	13,526	659,657	10,589	1,188,573
October					
November					
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings September

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	16,265	15,322	14,687	15,872
Over 4 1/2" outside diameter (including all sizes of casing)	27,313	31,423	23,172	21,941
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,091	6,312	6,951	6,654
Totals	50,669	53,057	44,810	44,467
<u>Steel pipe fittings:</u>				
Buttwelding fittings	168	177	156	140
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	587	589	512	530
Totals	755	766	668	670

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Nine Months Ended September

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	161,255	150,178	139,727	136,493
Over 4 1/2 " outside diameter (including all sizes of casing)	152,878	148,531	264,206	265,017
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	57,612	57,334	58,669	52,872
Totals	371,745	356,043	462,602	454,382
<u>Steel pipe fittings:</u>				
Buttwelding fittings	980	1,101	1,248	1,422
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	4,267	4,767	4,546	4,897
Totals	5,247	5,868	5,794	6,319

(1) Included with other.

TABLE 13 . Production and Disposition of Shipments of Rolled Steel Products, September 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	25,600	28,616	5,638	22,978
For forging and piercing	13,898	13,278	-	13,278
Rails	16,022	6,165	-	6,165
Wire rods	28,998	29,117	-	29,117
Structural shapes:				
Heavy, including piling	28,371	30,476	-	30,476
Light	5,086	7,146	-	7,146
Concrete reinforcing bars	35,875	41,436	-	41,436
Other hot rolled bars	41,375	43,362	2,204	41,158
Tie plates and track material:				
Angle bars	501	405	-	405
Tie plates	3,156	8,538	-	8,538
Track spikes	524	413	-	413
Plates (including plates for pipes and tubes)	57,329	55,225	-	55,225
Hot rolled sheets and strip	244,287	248,454	161,978	86,476
Total hot rolled products ..	501,022	512,631	169,820	342,811
<u>Cold rolled and coated:</u>				
Cold finished bars	3,519	3,608	-	3,608
Cold reduced strip	6,417	6,142	-	6,142
Cold reduced sheets, tin mill black plate and tin plate	171,554	161,375	76,731	84,644
Galvanized sheets	37,317	34,378	-	34,378
Total cold rolled and coated .	218,807	205,503	76,731	128,772
Total carbon steel	719,829	718,134	246,551	471,583
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	973	1,009	-	1,009
Alloy plates	41	571	-	571
Other hot rolled bars, including high-speed steel and other alloy tool steel	9,816	8,815	162	8,653
Structurals	-	-	-	-
Cold finished bars	568	466	-	466
Wire rods	482	484	-	484
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,625	2,629	-	2,629
Total alloy steel	14,505	13,974	162	13,812

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Nine Months Ended September 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	155,058	156,023	84,452	71,571
For forging and piercing	128,897	126,014	-	126,014
Rails	261,540	265,239	-	265,239
Wire rods	295,848	293,092	-	293,092
Structural shapes:				
Heavy, including piling	288,728	282,017	-	282,017
Light	64,465	68,035	-	68,035
Concrete reinforcing bars	304,696	313,117	-	313,117
Other hot rolled bars	357,452	347,372	37,158	310,214
Tie plates and track material:				
Angle bars	13,645	13,440	-	13,440
Tie plates	45,455	48,168	-	48,168
Track spikes	7,011	7,233	-	7,233
Plates (including plates for pipes and tubes)	546,601	545,981	-	545,981
Hot rolled sheets and strip	2,209,212	2,203,913	1,472,235	731,678
Total hot rolled products ..	4,678,608	4,669,644	1,593,845	3,075,799
<u>Cold rolled and coated:</u>				
Cold finished bars	38,930	38,193	-	38,193
Cold reduced strip	47,218	44,114	-	44,114
Cold reduced sheets, tin mill black plate and tin plate	1,485,278	1,492,240	661,019	831,221
Galvanized sheets	295,311	291,395	-	291,395
Total cold rolled and coated .	1,866,737	1,865,942	661,019	1,204,923
Total carbon steel	6,545,345	6,535,586	2,254,864	4,280,722
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	49	49	49	-
For forging and piercing	18,321	19,922	-	19,922
Alloy plates	1,056	4,134	-	4,134
Other hot rolled bars, including high-speed steel and other alloy tool steel	95,730	95,520	1,094	94,426
Structurals	-	-	-	-
Cold finished bars	5,375	5,291	-	5,291
Wire rods	2,810	2,816	-	2,816
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	26,112	26,187	-	26,187
Total alloy steel	149,453	153,919	1,143	152,776

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		September 1963		Nine months ended September 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	66,851	492	601,887	5,098
5	Direct export:				
	(a) British Commonwealth	23,111	593	149,566	4,481
	(b) All other	48,259	1,515	365,913	18,821
6	Automotive industries	30,339	4,569	237,700	57,525
7	Agricultural, including implement and equipment manufacturers	17,038	646	108,873	2,878
8	Building construction	104,438	567	837,774	3,985
9	Container industry	29,937	150	326,126	965
10	Machinery and tools	22,511	2,274	185,156	25,298
11	Merchant trade products	35,573	990	344,808	9,646
12	Mining, lumbering, etc.	4,364	1,353	45,927	11,490
13	National defence	23	7	1,136	172
14	Pressing, forming and stamping	26,158	368	229,027	4,658
15	Public works and utilities	2,801	-	19,852	-
16	Railway operating	4,991	33	216,142	281
17	Railway cars and locomotives	2,044	-	25,310	166
18	Shipbuilding	7,661	10	67,541	260
19	Pipes and tubes	43,670	245	505,411	7,022
20	Miscellaneous and unclassified	1,814	-	12,573	33
	Net shipments	471,583	13,812	4,280,722	152,779

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
					net tons of 2,000 pounds			
4	Wholesalers and warehouses	28	107	504	6,408	2,502	11,453	7,846
5	Direct export:							
	(a) British Commonwealth	22,978	-	76	-	-	-	190
	(b) All other	208	3,084	544	889	20	38	2,628
6	Automotive industries .	2,365	-	54	41	80	-	7,188
7	Agricultural, etc.	33	-	11	685	705	-	8,064
8	Building construction .	-	49	933	20,606	2,506	27,120	3,405
9	Container industry	-	-	-	-	-	-	97
10	Machinery and tools ...	1,035	143	184	720	216	485	6,216
11	Merchant trade	78	-	27,059	144	81	3	7,161
12	Mining, lumbering, etc.	14	284	60	48	19	33	4,499
13	National defence	-	-	-	-	-	17	5
14	Pressing, forming and stamping	139	-	14	27	864	5	844
15	Public works and utilities	4	-	1	13	9	2,174	264
16	Railway operating	11	2,498	5	33	34	-	426
17	Railway cars and locomotives	638	-	1	170	17	-	684
18	Shipbuilding	-	-	-	692	49	-	205
19	Pipes and tubes	9,734	-	-	-	20	-	-
20	Miscellaneous and unclassified	-	-	155	-	24	108	89
	Net shipments	37,265	6,165	29,601	30,476	7,146	41,436	49,811

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, September 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
77	13,586	7,522	844	106	9,672	6,681	67,336	4
								5
-	-	459	-	-	-	-	23,703	(a)
7,690	2,067	18,691	-	-	10,580	3,335	49,774	(b)
-	168	13,706	781	2,083	7,556	784	34,806	6
-	1,524	4,331	809	18	1,281	180	17,641	7
1	15,195	9,251	17	108	5,893	19,915	104,999	8
-	20	430	-	31	29,457	51	30,086	9
-	6,735	3,951	262	343	3,928	410	24,628	10
5	10	948	545	35	305	121	36,495	11
17	431	78	1	-	167	17	5,668	12
-	-	2	6	-	-	-	30	13
-	816	7,443	325	1,967	11,451	2,601	26,496	14
82	136	-	-	-	118	-	2,801	15
1,483	488	3	3	-	39	-	5,023	16
-	393	60	-	7	74	-	2,044	17
1	6,506	3	3	-	18	193	7,670	18
-	7,718	21,435	-	68	4,851	89	43,915	19
-	3	-	12	1,376	46	1	1,814	20
9,356	55,796	88,313	3,608	6,142	85,436	34,378	484,929	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months Ended September 1963

December 1969								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	75	1,326	5,373	78,196	24,507	85,069	71,057
5	Direct export:							
	(a) British Commonwealth	71,571	76,060	114	79	-	-	1,754
	(b) All other	5,458	30,176	3,179	6,581	397	5,993	24,611
6	Automotive industries .	26,213	-	534	714	685	-	81,889
7	Agricultural, etc.	287	-	84	4,929	6,374	-	41,095
8	Building construction .	341	801	10,215	170,162	23,409	198,551	22,433
9	Container industry	-	-	109	-	-	121	458
10	Machinery and tools ...	8,789	761	2,292	4,957	2,348	4,650	49,735
11	Merchant trade	2,646	-	272,194	819	922	1,779	53,419
12	Mining, lumbering, etc.	630	5,890	485	2,686	621	181	38,147
13	National defence	6	23	-	-	-	525	236
14	Pressing, forming and stamping	1,904	-	130	802	6,992	165	7,201
15	Public works and utilities	6	-	3	549	174	15,541	872
16	Railway operating	46	150,113	78	1,178	684	97	5,158
17	Railway cars and locomotives	4,025	51	16	3,699	429	6	3,829
18	Shipbuilding	26	38	-	6,641	409	27	2,015
19	Pipes and tubes	95,461	-	-	22	50	-	33
20	Miscellaneous and unclassified	23	-	1,102	3	34	412	698
	Net shipments	217,507	265,239	295,908	282,017	68,035	313,117	404,640

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

(2) Includes revisions in June and July issues not previously mentioned in August issue of this report. See page 22, Table 20, for details.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Nine Months Ended September 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
563	101,556	77,547	12,109	1,204	91,957	56,439	606,978	4
-	-	3,608(2)	23	-	837(2)	-(2)	154,046(2)(a)	5
15,891	14,321	140,709(2)	53	-	104,459(2)	32,906(2)	384,734(2)(b)	
1	1,788	93,128	10,182	12,356	60,716	6,917	295,123	6
-	7,513	30,076	7,223	153	11,555	2,419	111,708	7
18	129,471	69,559	274	1,575	53,053	161,891	841,753	8
-	60	4,135	9	118	321,388	692	327,090	9
4	54,338	35,260	4,910	2,852	36,158	3,243	210,297	10
37	213	8,935	4,834	188	7,416	984	354,386	11
1,001	3,423	2,019	447	-	1,552	286	57,368	12
-	20	63	70	310	55	-	1,308	13
-	6,086	62,691	2,613	15,710	107,118	22,243	233,655	14
176	1,668	31	-	-	722	110	19,852	15
50,794	5,824	1,905	42	-	193	310	216,422	16
307	8,717	3,716	18	51	489	123	25,476	17
1	56,345	771	33	42	722	730	67,800	18
-	158,571	213,720	48	499	42,029	2,000	512,433	19
48	201	-	133	9,056	794	102	12,606	20
68,841	550,115	747,873	43,021	44,114	841,213	291,395	4,433,035	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel

	September 1963	Nine months ended September 1963
Pig iron	59,432	244,666
Sponge iron	471	4,640
Steel ingots	23,876	263,367
Blooms, billets, slab steel	22,252	113,166
Iron castings, n.e.s.	886	10,471
Steel castings	258	1,799
Forgings, n.e.s.	1,212	10,732
Bars steel, hot rolled	1,869	23,661
Wire rods steel, hot rolled	515	3,452
Bars steel, cold rolled	52	1,225
Plate steel	2,490	15,552
Sheet and strip, carbon steel, hot rolled	9,630	141,509
Sheet and strip, carbon steel, cold rolled	3,689	38,282
Sheet, strip, galvanized	2,839	30,282
Sheet and strip, n.e.s.	7,575	77,702
Structural shapes	3,369	22,410
Rails	13,837	105,437
Cast iron pipe	115	528
Pipes and tubes, iron and steel, n.e.s.	534	13,559
Totals	154,901	1,122,440

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel

Commodity	July 1963	Seven months ended July 1963
net tons of 2,000 pounds		
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	7,199	13,268
Ingots, carbon steel	14	274
Ingots, alloy steel	50	600
Blooms, billets and slabs, carbon steel	83	432
Blooms, billets and slabs, alloy steel	103	878
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	12,080	49,658
Bars, carbon steel, hot rolled n.o.p.	4,999	22,605
Bars, alloy steel, hot rolled	408	3,183
Wire rods, steel, hot rolled	8,287	34,889
Bars, carbon steel, cold drawn or cold finished	388	2,186
Bars, alloy steel, cold drawn or cold finished	89	364
Bars or rods, steel, fabricated n.o.p.	436	1,608
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	4,914	15,191
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	8,748	17,889
Plates, carbon steel, over 100 inches in width n.o.p.	1,040	2,967
Floor plate, carbon steel	1,186	3,574
Plates, fabricated or coated n.o.p.	317	2,021
Plates, flanged or dished, drilled or not	290	1,888
Plates, stainless steel (including carbon steel clad with stainless)	282	1,651
Plates, alloy steel n.o.p., except stainless ..	576	4,089
Plate, sheet or strip, not tempered or ground, for saws	175	1,538

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	July 1963	Seven months ended July 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	21	277
Stainless and other alloy steel for pipes and tubes	143	543
Carbon steel, hot rolled, for pipes, over 60 inches in width	-	13,536
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	390
Carbon steel, cold rolled, for pipes and tubes	-	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	3,050	6,808
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	3,298	11,286
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	1,488	6,460
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	371	3,567
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	175	3,382
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	397	5,135
Sheet, and strip, carbon steel, finished for porcelain enamelling	212	1,284
Sheet and strip, carbon steel, coated with tin (tinplate)	175	3,022
Sheet and strip, carbon steel, coated with zinc (galvanized)	626	2,781
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,165	7,368
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	883	4,201
Sheet and strip, carbon steel, coated n.o.p. ..	452	3,083
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	29	107

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	July 1963	Seven months ended July 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	143	1,085
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width		
Sheet and strip, silicon steel	18	174
Sheet and strip, alloy steel n.o.p.	1,551	12,797
Sheet and strip, corrugated or fabricated n.o.p.	47	681
	122	615
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	2,990	20,051
Bearing pile, carbon steel	574	2,440
Wide flange beams, carbon steel n.o.p.	6,550	30,000
Structural shapes, carbon steel, large sizes n.o.p.	4,345	17,415
Structural shapes, carbon steel, intermediate sizes n.o.p.	5,775	19,977
Structural shapes, bar size, carbon steel	5,612	18,623
Sheet piling, carbon steel	1,396	7,891
Structural shapes, alloy steel	59	261
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	148	1,235
Structural shapes, fabricated n.o.p.	425	2,317
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	192	544
Tires of steel, in the rough, for railway vehicles	3	46

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued

Commodity	July 1963	Seven months ended July 1963
	net tons of 2,000 pounds	
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	127	750
Railway rails, iron or steel	374	5,593
Fish plates, splice bars, rail joints and tie plates, iron or steel	471	2,026
Railway track material n.o.p.	112	178
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	675	1,598
Drill pipe	236	1,450
Oil country goods, steel n.o.p.	2,139	17,367
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	53	165
Corrugated metal culvert pipe	60	102
Mechanical tubing, steel	1,375	8,832
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	810	5,637
Tubes, seamless steel, for bearings	926	4,790
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	6	190
Pipes and tubes, steel welded n.o.p.	3,497	15,327
Pipes and tubes, steel, seamless, hot finished n.o.p.	795	3,975
Pipes and tubes, steel, seamless, cold finished n.o.p.	308	2,197
Pipes and tubes, iron or steel n.o.p.	980	4,701
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	2,076	13,477
Wire, steel, flat or shaped	35	300

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded

Commodity	July 1963	Seven months ended July 1963
	net tons of 2,000 pounds	
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	127	874
Wire, iron or steel, not coated n.o.p.	561	4,039
Wire, steel, galvanized n.o.p.	873	4,929
Wire, iron or steel, coated n.o.p., except insulated	84	539
Wire, barbed, including galvanized	76	6,709
Wire strand, including twisted and braided, coated or not	64	428
Wire rope for use in logging, coated or not ...	251	1,126
Wire rope, coated or not n.o.p.	325	1,656
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	370	2,292
Welding rods and electrodes, n.o.p.	63	231
Welding wire	198	824
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel, hot rolled 60 inches or less in width:		
Thinner than 18 guage	21	134
18 guage and thicker	509	2,034
Sheet stainless steel, cold rolled, over 18 inches to 51 inches in width:		
Thinner than 18 guage	318	3,081
18 guage and heavier	312	2,649
Total imports of selected forms of iron and steel	113,306	510,347

TABLE 20. Revised Disposition of Shipments of Rolled Steel Products, by Product, 1963

SD1 No.		Hot rolled sheets and strip	Cold reduced sheets, tin mill, black plate and tin plate	Galvanized sheets	Total
net tons of 2,000 pounds					
<u>June</u>					
5	Direct export:				
	(a) British Commonwealth - Was	19,396	3,234	2,613	50,174
	Should read ..	367	-	-	25,298
	(b) All other - Was	12,528	7,185	2,792	30,799
	Should read	31,557	10,419	5,405	56,097
<u>Six months ended June</u>					
5	(a) British Commonwealth - Was	21,511	4,071	2,613	128,882
	Should read ..	2,482	837	-	104,006
	(b) All other - Was	72,427	64,092	18,780	214,094
	Should read	71,456	67,326	21,393	239,392
<u>July</u>					
5	(a) British Commonwealth - Was				
	Should read ..		No change		
	(b) All other - Was				
	Should read		No change		
<u>Seven months ended July</u>					
5	(a) British Commonwealth - Was	21,776	4,071	2,613	142,843
	Should read ..	2,747	837	-	117,967
	(b) All other - Was	93,144	78,596	24,353	277,052
	Should read	112,173	81,830	26,966	301,928

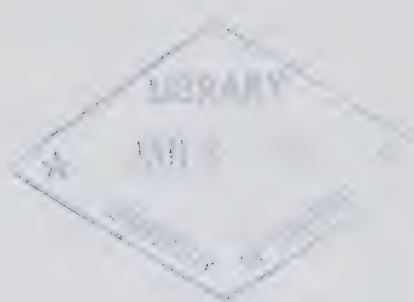
CATALOGUE No.

41-001

MONTHLY



CANADA



Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

OCTOBER 1963

NOTICE TO USERS

See page 2 regarding discontinuance of
Export and Import Statistics—Tables 18
and 19.

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry Division

December 1963
6523-502

Price: 30 cents
\$3.00 a year

Vol. 18—No. 10

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

SPECIAL NOTICE

Reference Exports and Imports of Selected Forms of Iron and Steel, Tables 18 and 19.

Effective with the January, 1964 issue, Export and Import data included in this report will be discontinued.

Users of these data are advised that this information may be obtained by reference to the following two monthly publications:

Catalogue No. 65-004-Trade of Canada - Exports
Catalogue No. 65-007-Trade of Canada - Imports

The above-mentioned publications are prepared by the External Trade Division, Dominion Bureau of Statistics, and can be obtained on an annual subscription basis of \$7.50 for each report from the Publications Distribution Unit, Dominion Bureau of Statistics, or the Queen's Printer.

TABLE 1. Description of Iron Blast Furnaces(1) at End of October 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	63,457	646,318
From foreign mines	160,924	1,542,929
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	160,253	1,673,327
From foreign mines	297,439	2,526,975
From own processing	122,361	1,420,177
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	17,083	159,061
Scrap iron and steel	6,703	51,599
Limestone	65,317	660,733
Dolomite	40,735	339,032
Coke	303,073	2,979,478

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys October

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Pig iron:				
Basic	388,890	7,705	440,636	13,160
Foundry (including silvery pig)(2)	3,049	13,254	36,746	37,741
Malleable	36,489	44,766	51,314	64,233
Total pig iron	428,428	65,725	528,696	115,134
Ferro-alloys	13,952	12,323	11,289	12,482
Stocks of pig iron on hand at end of month	354,392		263,684	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Ten Months Ended October

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
Pig iron:				
Basic	3,804,481	40,022	4,234,272	58,641
Foundry (including silvery pig)(2)	246,794	240,269	233,279	229,986
Malleable	450,847	353,666	443,235	298,571
Total pig iron	4,502,122	633,957	4,910,786	587,198
Ferro-alloys	113,228	106,704	116,312	117,080

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	October		Ten months ended October	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	384,638	448,203	3,812,505	4,205,507
Scrap - Own make	157,923	206,687	1,657,103	1,884,210
Purchased	128,446	125,016	1,272,785	1,483,146
Total pig iron and scrap	671,007	779,906	6,742,393	7,572,863

TABLE 7. Production and Shipments of Steel Ingots and Castings October

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	531,487	7,920	624,146	16,703
Electric	58,495	8,161	62,025	9,491
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	589,982	16,081	686,171	26,194
Alloy steel ingots included in above	26,881	923	33,992	767
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	374	374	739	739
Electric	7,975	9,757	11,711	10,604
Other	-	-	-	-
Total steel castings	8,349	10,131	12,450	11,343
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	267	342	382	318
High alloy, manganese and abrasion resistant ...	1,940	1,773	2,221	2,170
All other alloys	523	545	804	649
Total alloy castings	2,730	2,660	3,407	3,137

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Ten Months Ended October

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	5,349,323	155,730	6,066,604	139,516
Electric	538,104	75,607	626,217	101,531
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	5,887,427	231,337	6,692,821	241,047
Alloy steel ingots included in above	255,630	8,386	326,968	9,756
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	3,349	3,349	4,996	4,998
Electric	100,811	99,593	94,967	93,321
Other	-	-	-	-
Total steel castings	104,160	102,942	99,963	98,319
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	2,705	2,396	3,025	2,754
High alloy, manganese and abrasion resistant ...	17,501	17,332	17,762	17,216
All other alloys	4,264	4,285	5,519	5,197
Total alloy castings	24,470	24,013	26,306	25,167

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	October 1963		Ten months ended October 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	101	-	232
All other	203	359	986	2,718
Automotive industries	431	48	3,680	286
Agricultural, including implement and equipment manufacturers	81	18	852	182
Machinery and tools	1,613	429	14,213	4,591
Mining, lumbering and quarrying industries	1,208	1,314	9,005	10,215
Oil and gas, including refineries	13	4	239	175
National defence	27	18	197	173
Public works and public utilities	93	21	510	382
Railway operating	3,219	347	35,854	2,313
Railway cars and locomotives	968	138	4,761	601
Shipbuilding	105	13	728	91
Miscellaneous and unclassified	236	338	2,109	3,219
Total shipments	8,197	3,148	73,134	25,178

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September	504,801	13,526	659,657	10,589	670,246 ^r
October	528,696	11,289	686,171	12,450	698,621
November					
December					
Totals					

^r Revised figures.

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings October

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	16,469	18,928	12,067	16,579
Over 4 1/2" outside diameter (including all sizes of casing)	22,929	21,505	17,326	21,342
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,997	7,067	8,089	8,221
Totals	47,395	47,500	37,482	46,142
<u>Steel pipe fittings:</u>				
Buttwelding fittings	115	159	126	155
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	648	584	574	618
Totals	763	743	700	773

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Ten Months Ended October

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	177,724	169,106	151,794	153,072
Over 4 1/2 " outside diameter (including all sizes of casing)	175,807	170,036	281,532	286,359
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	65,609	64,401	66,758	61,093
Totals	419,140	403,543	500,084	500,524
<u>Steel pipe fittings:</u>				
Buttwelding fittings	1,095	1,260	1,374	1,577
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	4,915	5,351	5,120	5,515
Totals	6,010	6,611	6,494	7,092

(1) Included with other.

TABLE 13. Production and Disposition of Shipments of Rolled Steel Products, October 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	26,025	19,433	7,786	11,647
For forging and piercing	16,469	15,136	-	15,136
Rails	25,572	21,689	-	21,689
Wire rods	30,095	29,679	-	29,679
Structural shapes:				
Heavy, including piling	34,124	34,432	-	34,432
Light	10,904	10,352	-	10,352
Concrete reinforcing bars	38,834	48,704	-	48,704
Other hot rolled bars	38,130	37,878	3,375	34,503
Tie plates and track material:				
Angle bars	661	697	-	697
Tie plates	2,190	2,998	-	2,998
Track spikes	499	448	-	448
Plates (including plates for pipes and tubes)	56,892	60,054	-	60,054
Hot rolled sheets and strip	263,295	257,647	172,258	85,389
Total hot rolled products ..	543,690	539,147	183,419	355,728
<u>Cold rolled and coated:</u>				
Cold finished bars	3,684	4,001	-	4,001
Cold reduced strip	5,804	5,377	-	5,377
Cold reduced sheets, tin mill black plate and tin plate	174,516	172,415	77,531	94,884
Galvanized sheets	32,511	36,796	-	36,796
Total cold rolled and coated .	216,515	218,589	77,531	141,058
Total carbon steel	760,205	757,736	260,950	496,786
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	15	15	15	-
For forging and piercing	2,120	2,120	-	2,120
Alloy plates	410	682	-	682
Other hot rolled bars, including high-speed steel and other alloy tool steel	12,422	12,986	129	12,857
Structurals	-	-	-	-
Cold finished bars	452	502	-	502
Wire rods	219	215	-	215
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,271	2,379	-	2,379
Total alloy steel	17,909	18,899	144	18,755

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended
October 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	181,083	175,456	92,238	83,218
For forging and piercing	145,366	141,150	-	141,150
Rails	287,112	286,928	-	286,928
Wire rods	325,943	322,771	-	322,771
Structural shapes:				
Heavy, including piling	322,852	316,449	-	316,449
Light	75,369	78,387	-	78,387
Concrete reinforcing bars	343,530	361,821	-	361,821
Other hot rolled bars	395,582	385,250	40,533	344,717
Tie plates and track material:				
Angle bars	14,306	14,137	-	14,137
Tie plates	47,645	51,166	-	51,166
Track spikes	7,510	7,681	-	7,681
Plates (including plates for pipes and tubes)	603,493	606,035	-	606,035
Hot rolled sheets and strip	2,472,507	2,461,560	1,644,493	817,067
Total hot rolled products ..	5,222,298	5,208,791	1,777,264	3,431,527
<u>Cold rolled and coated:</u>				
Cold finished bars	42,614	42,194	-	42,194
Cold reduced strip	53,022	49,491	-	49,491
Cold reduced sheets, tin mill black plate and tin plate	1,659,794	1,664,655	738,550	926,105
Galvanized sheets	327,822	328,191	-	328,191
Total cold rolled and coated .	2,083,252	2,084,531	738,550	1,345,981
Total carbon steel	7,305,550	7,293,322	2,515,814	4,777,508
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	64	64	64	-
For forging and piercing	20,441	22,042	-	22,042
Alloy plates	1,466	4,816	-	4,816
Other hot rolled bars, including high-speed steel and other alloy tool steel	108,152	108,506	1,223	107,283
Structurals	-	-	-	-
Cold finished bars	5,827	5,793	-	5,793
Wire rods	3,029	3,031	-	3,031
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	28,383	28,566	-	28,566
Total alloy steel	167,362	172,818	1,287	171,531

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		October 1963		Ten months ended October 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	72,854	846	674,741	5,944
5	Direct export:				
	(a) British Commonwealth	11,782	565	161,348	5,046
	(b) All other	63,054	2,170	428,967	20,991
6	Automotive industries	32,312	8,520	270,012	66,045
7	Agricultural, including implement and equipment manufacturers	12,330	192	121,203	3,070
8	Building construction	113,070	187	950,844	4,172
9	Container industry	26,665	58	352,791	1,023
10	Machinery and tools	23,275	2,249	208,431	27,547
11	Merchant trade products	38,931	890	383,739	10,536
12	Mining, lumbering, etc.	5,983	1,663	51,910	13,153
13	National defence	54	39	1,190	211
14	Pressing, forming and stamping	25,721	361	254,748	5,019
15	Public works and utilities	1,940	-	21,792	-
16	Railway operating	12,511	23	228,653	304
17	Railway cars and locomotives	2,042	81	27,352	247
18	Shipbuilding	9,125	4	76,666	264
19	Pipes and tubes	43,719	907	549,130	7,929
20	Miscellaneous and unclassified	1,418	-	13,991	33
	Net shipments	496,786	18,755	4,777,508	171,534

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	2	111	514	7,345	4,288	13,248	5,271
5	Direct export:							
	(a) British Commonwealth	11,647	-	-	-	-	-	295
	(b) All other	573	10,896	180	957	69	428	3,697
6	Automotive industries .	2,914	-	73	5	13	-	11,048
7	Agricultural, etc.	-	-	12	1,291	1,234	-	3,187
8	Building construction .	-	88	1,210	21,986	3,084	32,348	3,688
9	Container industry	-	-	14	-	-	-	4
10	Machinery and tools ...	1,490	67	292	908	228	982	4,146
11	Merchant trade	505	-	27,330	62	133	-	9,062
12	Mining, lumbering, etc.	100	353	42	678	37	17	5,125
13	National defence	-	-	-	-	-	-	46
14	Pressing, forming and stamping	101	-	9	172	1,136	-	703
15	Public works and utilities	-	-	3	-	3	1,681	29
16	Railway operating	2	10,174	8	142	61	-	608
17	Railway cars and locomotives	993	-	-	46	17	-	225
18	Shipbuilding	-	-	-	840	49	-	169
19	Pipes and tubes	10,576	-	-	-	-	-	1
20	Miscellaneous and unclassified	-	-	207	-	-	-	56
	Net shipments	28,903	21,689	29,894	34,432	10,352	48,704	47,360

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, October 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
47	13,548	10,259	1,203	144	10,655	7,065	73,700	4
								5
-	-	404	1	-	-	-	12,347	(a)
2,981	1,840	16,129	-	-	23,204	4,270	65,224	(b)
-	433	13,525	1,088	1,881	8,578	1,274	40,832	6
-	1,483	3,052	728	5	1,364	166	12,522	7
1	17,799	8,128	21	152	5,008	19,744	113,257	8
-	-	236	1	11	26,265	192	26,723	9
-	7,748	4,533	471	226	3,964	469	25,524	10
2	-	1,083	502	36	722	384	39,821	11
17	803	232	54	-	144	44	7,646	12
-	-	-	47	-	-	-	93	13
-	1,208	7,819	356	1,718	10,254	2,606	26,082	14
5	96	-	-	5	118	-	1,940	15
1,089	261	132	6	-	-	51	12,534	16
-	430	357	1	-	54	-	2,123	17
1	7,796	83	7	-	8	176	9,129	18
-	7,291	21,012	-	68	5,323	355	44,626	19
-	-	-	17	1,131	7	-	1,418	20
4,143	60,736	86,984	4,503	5,377	95,668	36,796	515,541	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months Ended October 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	77	1,437	5,887	85,541	28,795	98,317	76,328
5	Direct export:							
	(a) British Commonwealth	83,218	76,060	114	79	-	-	2,049
	(b) All other	6,031	41,072	3,359	7,538	466	6,421	28,308
6	Automotive industries .	29,127	-	607	719	698	-	92,937
7	Agricultural, etc.	287	-	96	6,220	7,608	-	44,282
8	Building construction .	341	889	11,425	192,148	26,493	230,899	26,121
9	Container industry	-	-	123	-	-	121	462
10	Machinery and tools ...	10,279	828	2,584	5,865	2,576	5,632	53,881
11	Merchant trade	3,151	-	299,524	881	1,055	1,779	62,481
12	Mining, lumbering, etc.	730	6,243	527	3,364	658	198	43,272
13	National defence	6	23	-	-	-	525	282
14	Pressing, forming and stamping	2,005	-	139	974	8,128	165	7,904
15	Public works and utilities	6	-	6	549	177	17,222	901
16	Railway operating	48	160,287	86	1,320	745	97	5,766
17	Railway cars and locomotives	5,018	51	16	3,745	446	6	4,054
18	Shipbuilding	26	38	-	7,481	458	27	2,184
19	Pipes and tubes	106,037	-	-	22	50	-	34
20	Miscellaneous and unclassified	23	-	1,309	3	34	412	754
	Net shipments	246,410	286,928	325,802	316,449	78,387	361,821	452,000

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

(2) Includes revisions for September. See Table 20, page 22 for details.

(3) The revised June total of 56,097 and the six months total of 239,392 as published in Table 20 of the September issue has been further revised to now read 55,675 and 238,970 respectively. All other data is correct as shown.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Ten Months ended October 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars(2)	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total(2)	SDI No.
net tons of 2,000 pounds								
610	115,104	87,806	13,319	1,348	102,612	63,504	680,685	4
								5
-	-	4,012	25	-	837	-	166,394	(a)
18,872	16,161	156,838	53	-	127,663	37,176	449,958(3)	(b)
1	2,221	106,653	11,372	14,237	69,294	8,191	336,057	6
-	8,996	33,128	7,994	158	12,919	2,585	124,273	7
19	147,270	77,687	301	1,727	58,061	181,635	955,016	8
-	60	4,371	11	129	347,653	884	353,814	9
4	62,086	39,793	5,538	3,078	40,122	3,712	235,978	10
39	213	10,018	5,404	224	8,138	1,368	394,275	11
1,018	4,226	2,251	550	-	1,696	330	65,063	12
-	20	63	117	310	55	-	1,401	13
-	7,294	70,510	2,999	17,428	117,372	24,849	259,767	14
181	1,764	31	-	5	840	110	21,792	15
51,883	6,085	2,037	49	-	193	361	228,957	16
307	9,147	4,073	19	51	543	123	27,599	17
2	64,141	854	41	42	730	906	76,930	18
-	165,862	234,732	48	567	47,352	2,355	557,059	19
48	201	-	150	10,187	801	102	14,024	20
72,984	610,851	834,857	47,990	49,491	936,881	328,191	4,949,042	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel (see special notice on Page 2).

	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
Pig iron	79,287	323,953
Sponge iron	501	5,141
Steel ingots	25,926	152,415(2)
Blooms, billets, slab steel	52,506	165,672
Iron castings, n.e.s.	1,945	12,416
Steel castings	380	2,179
Forgings, n.e.s.	1,117	11,849
Bars steel, hot rolled	2,656	26,317
Wire rods steel, hot rolled	1,407	4,859
Bars steel, cold rolled	97	1,322
Plate steel	1,981	17,533
Sheet and strip, carbon steel, hot rolled	23,919	165,428
Sheet and strip, carbon steel, cold rolled	6,835	45,117
Sheet, strip, galvanized	4,322	34,604
Sheet and strip, n.e.s.	15,028	92,730
Structural shapes	2,436	24,846
Rails	17,465	122,902
Cast iron pipe	269	797
Pipes and tubes, iron and steel, n.e.s.	2,169	15,728
Totals	240,246	1,225,808

(1) Customs clearance, latest available.

(2) Includes revisions for year to date.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel (see special notice on Page 2).

Commodity	August 1963	Eight months ended August 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	181	13,449
Ingots, carbon steel	30	304
Ingots, alloy steel	79	679
Blooms, billets and slabs, carbon steel	447	879
Blooms, billets and slabs, alloy steel	61	939
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	7,932	57,590
Bars, carbon steel, hot rolled n.o.p.	5,421	28,026
Bars, alloy steel, hot rolled	417	3,600
Wire rods, steel, hot rolled	4,323	39,212
Bars, carbon steel, cold drawn or cold finished	447	2,633
Bars, alloy steel, cold drawn or cold finished	57	421
Bars or rods, steel, fabricated n.o.p.	316	1,924
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	3,310	18,501
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	9,318	27,207
Plates, carbon steel, over 100 inches in width n.o.p.	1,075	4,042
Floor plate, carbon steel	737	4,311
Plates, fabricated or coated n.o.p.	68	2,089
Plates, flanged or dished, drilled or not	199	2,087
Plates, stainless steel (including carbon steel clad with stainless)	321	1,972
Plates, alloy steel n.o.p., except stainless ..	462	4,551
Plate, sheet or strip, not tempered or ground, for saws	172	1,710

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (see special notice on Page 2).

Commodity	August 1963	Eight months ended August 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	22	299
Stainless and other alloy steel for pipes and tubes	74	617
Carbon steel, hot rolled, for pipes, over 60 inches in width	1,016	14,552
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	390
Carbon steel, cold rolled, for pipes and tubes	-	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	971	7,779
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	7,525	18,811
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	1,190	7,650
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	1,003	4,570
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	334	3,716
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	459	5,594
Sheet, and strip, carbon steel, finished for porcelain enamelling	176	1,460
Sheet and strip, carbon steel, coated with tin (tinplate)	273	3,295
Sheet and strip, carbon steel, coated with zinc (galvanized)	460	3,241
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	774	8,142
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	682	4,883
Sheet and strip, carbon steel, coated n.o.p. ..	400	3,483
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	17	124

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (see special notice on Page 2).

Commodity	August 1963	Eight months ended August 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	326	1,411
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	1	175
Sheet and strip, silicon steel	1,123	13,920
Sheet and strip, alloy steel n.o.p.	117	798
Sheet and strip, corrugated or fabricated n.o.p.	187	802
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	2,621	22,672
Bearing pile, carbon steel	88	2,528
Wide flange beams, carbon steel n.o.p.	4,352	34,352
Structural shapes, carbon steel, large sizes n.o.p.	2,320	19,735
Structural shapes, carbon steel, intermediate sizes n.o.p.	3,355	23,332
Structural shapes, bar size, carbon steel	2,213	20,836
Sheet piling, carbon steel	1,802	9,693
Structural shapes, alloy steel	49	310
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	308	1,543
Structural shapes, fabricated n.o.p.	360	2,677
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	2	546
Tires of steel, in the rough, for railway vehicles	1	47

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (see special notice on page 2).

Commodity	August 1963	Eight months ended August 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	186	936
Railway rails, iron or steel	169	5,762
Fish plates, splice bars, rail joints and tie plates, iron or steel	44	2,070
Railway track material n.o.p.	79	257
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	58	1,656
Drill pipe	174	1,624
Oil country goods, steel n.o.p.	2,978	20,345
Pipes, tubes more than 10 1/2 inches in diameter and fittings, steel, for transmission of natural gas or crude oil	2,711	2,876
Corrugated metal culvert pipe	-	102
Mechanical tubing, steel	1,266	10,098
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	810	6,447
Tubes, seamless steel, for bearings	587	5,377
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	49	239
Pipes and tubes, steel welded n.o.p.	3,210	18,659
Pipes and tubes, steel, seamless, hot finished n.o.p.	1,750	5,725
Pipes and tubes, steel, seamless, cold finished n.o.p.	383	2,580
Pipes and tubes, iron or steel n.o.p.	1,049	5,750
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,942	15,419
Wire, steel, flat or shaped	25	325

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded (see special notice on Page 2).

Commodity	August 1963	Eight months ended August 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	120	994
Wire, iron or steel, not coated n.o.p.	724	4,763
Wire, steel, galvanized n.o.p.	745	5,696(1)
Wire, iron or steel, coated n.o.p., except insulated	62	580(1)
Wire, barbed, including galvanized	343	7,052
Wire strand, including twisted and braided, coated or not	48	476
Wire rope for use in logging, coated or not ...	257	1,383
Wire rope, coated or not n.o.p.	203	1,859
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	193	2,485
Welding rods and electrodes, n.o.p.	44	275
Welding wire	116	940
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 gauge	41	165(1)
18 gauge and thicker	452	2,467(1)
Sheet stainless steel, cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 gauge	325	3,414(1)
18 gauge and heavier	434	3,102(1)
Total imports of selected forms of iron and steel	91,551	602,019

(1) Includes revisions for year to date.

TABLE 20. Revised Disposition of Shipments of Cold Finished Bars and Total Rolled Steel Products
September 1963

SDI No.	September 1963		Nine months ended September 1963	
	Cold finished bars	Total	Cold finished bars	Total
net tons of 2,000 pounds				
4 Wholesalers and warehouses	851	67,343	12,116	606,985
5 Direct export:				
(a) British Commonwealth	1	23,704	24	154,047
(b) All other	-	49,774	53	384,734
6 Automotive industries	883	34,908	10,284	295,225
7 Agricultural, etc.	852	17,684	7,266	111,751
8 Building construction	23	105,005	280	841,759
9 Container industry	1	30,087	10	327,091
10 Machinery and tools	419	24,785	5,067	210,454
11 Merchant trade	613	36,563	4,902	354,454
12 Mining, lumbering, etc.	50	5,717	496	57,417
13 National defence	6	30	70	1,308
14 Pressing, forming and stamping	355	26,526	2,643	233,685
15 Public works and utilities	-	2,801	-	19,852
16 Railway operating	4	5,024	43	216,423
17 Railway cars and locomotives	-	2,044	18	25,476
18 Shipbuilding	4	7,671	34	67,801
19 Pipes and tubes	-	43,915	48	512,433
20 Miscellaneous and unclassified	12	1,814	133	12,606
Net shipments	4,074	485,395	43,487	4,433,501

CATALOGUE No.

41-001

MONTHLY



CANADA

Canada. Statistics, Bureau of

PRIMARY IRON AND STEEL

NOVEMBER 1963

NOTICE TO USERS

See page 2 regarding discontinuance of
Export and Import Statistics—Tables 18
and 19.

Published by Authority of
The Minister of Trade and Commerce



DOMINION BUREAU OF STATISTICS

Industry Division

January 1964
6523-502

Price: 30 cents
\$3.00 a year

Vol. 18—No. 11

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

SPECIAL NOTICE

Reference Exports and Imports of Selected Forms of Iron and Steel, Tables 18 and 19.

Effective with the January, 1964 issue, Export and Import data included in this report will be discontinued.

Users of these data are advised that this information may be obtained by reference to the following two monthly publications:

Catalogue No. 65-004-Trade of Canada - Exports

Catalogue No. 65-007-Trade of Canada - Imports

The above-mentioned publications are prepared by the External Trade Division, Dominion Bureau of Statistics, and can be obtained on an annual subscription basis of \$7.50 for each report from the Publications Distribution Unit, Dominion Bureau of Statistics, or the Queen's Printer.

TABLE 1. Description of Iron Blast Furnaces(1) at End of November 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	November 1963	Eleven months ended November 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	68,213	714,531
From foreign mines	125,709	1,668,638
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	169,547	1,842,874
From foreign mines	280,720	2,807,695
From own processing	133,684	1,553,861
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	20,536	179,597
Scrap iron and steel	9,080	60,679
Limestone	59,715	720,448
Dolomite	37,097	376,129
Coke	298,918	3,278,396

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	373,641	7,843	430,838	4,079
Foundry (including silvery pig)(2)	2,565	21,074	39,094	53,465
Malleable	22,630	42,239	48,266	47,675
Total pig iron	398,836	71,156	518,198	105,219
Ferro-alloys	12,896	12,404	13,531	13,098
Stocks of pig iron on hand at end of month	302,174		218,900	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Eleven Months Ended November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	4,178,122	47,865	4,665,110	62,720
Foundry (including silvery pig)(2)	249,359	261,343	272,373	283,451
Malleable	473,477	395,905	491,501	346,246
Total pig iron	4,900,958	705,113	5,428,984	692,417
Ferro-alloys	126,124	119,108	129,843	130,178

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	November		Eleven months ended November	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	374,494	449,948	4,186,999	4,655,455
Scrap - Own make	157,963	205,292	1,815,066	2,089,502
Purchased	149,510	148,994	1,422,295	1,632,140
Total pig iron and scrap	681,967	804,234	7,424,360	8,377,097

TABLE 7. Production and Shipments of Steel Ingots and Castings November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	534,532	495	641,222	14,427
Electric	63,326	7,805	60,120	7,912
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	597,858	8,300	701,342	22,239
Alloy steel ingots included in above	32,941	1,064	36,173	811
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	404	404	844	844
Electric	9,641	9,260	11,499	10,482
Other	-	-	-	-
Total steel castings	10,045	9,664	12,343	11,326
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	298	280	337	323
High alloy, manganese and abrasion resistant ...	2,125	2,133	2,241	2,224
All other alloys	642	594	703	656
Total alloy castings	3,065	3,007	3,281	3,203

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Eleven Months Ended November

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>	5,883,855	156,225	6,707,826	153,943
Basic open hearth	601,430	83,412	686,337	109,443
Electric	(2)	(2)	(2)	(2)
Oxygen				
Total steel ingots	6,485,285	239,637	7,394,163	263,386
Alloy steel ingots included in above	288,571	9,450	363,141	10,567
<u>Steel castings (both carbon and alloy):</u>	3,753	3,753	5,840	5,842
Basic open hearth	110,452	108,853	106,466	103,803
Electric	-	-	-	-
Other				
Total steel castings	114,205	112,606	112,306	109,645
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	3,003	2,676	3,362	3,077
High alloy, manganese and abrasion resistant ...	19,626	19,465	20,003	19,440
All other alloys	4,906	4,879	6,222	5,853
Total alloy castings	27,535	27,020	29,587	28,370

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	November 1963		Eleven months ended November 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	2	-	234
All other	358	414	1,344	3,132
Automotive industries	176	27	3,856	313
Agricultural, including implement and equipment manufacturers	85	20	937	202
Machinery and tools	1,485	431	15,698	5,022
Mining, lumbering and quarrying industries	1,057	1,393	10,062	11,608
Oil and gas, including refineries	9	21	248	196
National defence	15	12	212	185
Public works and public utilities	71	47	581	429
Railway operating	3,675	455	39,529	2,768
Railway cars and locomotives	857	57	5,618	658
Shipbuilding	69	21	797	112
Miscellaneous and unclassified	268	303	2,377	3,522
Total shipments	8,125	3,203	81,259	28,381

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
	net tons of 2,000 pounds				
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September	504,801	13,526	659,657	10,589	670,246
October	528,696	11,289	686,171	12,450	698,621
November	518,198	13,531	701,342	12,343	713,685
December					
Totals					

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings November

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	13,878	13,088	12,614	15,306
Over 4 1/2" outside diameter (including all sizes of casing)	14,138	12,785	17,191	18,182
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	7,126	6,794	7,700	7,154
Totals	35,142	32,667	37,505	40,642
<u>Steel pipe fittings:</u>				
Buttwelding fittings	103	133	158	148
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	495	499	643	573
Totals	598	632	801	721

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Eleven Months Ended November

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	191,602	182,194	164,408	168,378
Over 4 1/2 " outside diameter (including all sizes of casing)	189,945	182,821	298,723	304,541
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	72,735	71,195	74,458	68,247
Totals	454,282	436,210	537,589	541,166
<u>Steel pipe fittings:</u>				
Buttwelding fittings	1,198	1,393	1,532	1,725
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	5,410	5,850	5,763	6,088
Totals	6,608	7,243	7,295	7,813

(1) Included with other.

TABLE 13 . Production and Disposition of Shipments of Rolled Steel Products, November 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	15,306	23,042	12,064	10,978
For forging and piercing	16,288	16,120	-	16,120
Rails	28,232	22,237	-	22,237
Wire rods	34,793	35,279	-	35,279
Structural shapes:				
Heavy, including piling	34,111	30,735	-	30,735
Light	6,637	6,945	-	6,945
Concrete reinforcing bars	41,804	38,206	-	38,206
Other hot rolled bars	38,624	37,886	2,486	35,400
Tie plates and track material:				
Angle bars	-	4	-	4
Tie plates	588	2,163	-	2,163
Track spikes	243	285	-	285
Plates (including plates for pipes and tubes)	58,801	58,326	-	58,326
Hot rolled sheets and strip	276,022	272,591	179,662	92,929
Total hot rolled products ..	551,449	543,819	194,212	349,607
<u>Cold rolled and coated:</u>				
Cold finished bars	4,388	4,390	-	4,390
Cold reduced strip	5,409	4,949	-	4,949
Cold reduced sheets, tin mill black plate and tin plate	180,216	168,785	76,588	92,197
Galvanized sheets	35,615	33,510	-	33,510
Total cold rolled and coated .	225,628	211,634	76,588	135,046
Total carbon steel	777,077	755,453	270,800	484,653
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	-	-	-	-
For forging and piercing	2,026	2,026	-	2,026
Alloy plates	269	213	-	213
Other hot rolled bars, including high-speed steel and other alloy tool steel	13,604	12,349	86	12,263
Structurals	-	-	-	-
Cold finished bars	755	723	-	723
Wire rods	362	284	-	284
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	3,234	2,941	-	2,941
Total alloy steel	20,250	18,536	86	18,450

TABLE 14. Production and Disposition of Shipments of Rolled Steel Products, Eleven Months Ended November 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	196,389	198,498	104,302	94,196
For forging and piercing	161,654	157,270	-	157,270
Rails	315,344	309,165	-	309,165
Wire rods	360,736	358,050	-	358,050
Structural shapes:				
Heavy, including piling	356,963	347,184	-	347,184
Light	82,006	85,332	-	85,332
Concrete reinforcing bars	385,334	400,027	-	400,027
Other hot rolled bars	434,206	423,136	43,019	380,117
Tie plates and track material:				
Angle bars	14,306	14,141	-	14,141
Tie plates	48,233	53,329	-	53,329
Track spikes	7,753	7,966	-	7,966
Plates (including plates for pipes and tubes)	662,294	664,361	-	664,361
Hot rolled sheets and strip	2,748,529	2,734,151	1,824,155	909,996
Total hot rolled products ..	5,773,747	5,752,610	1,971,476	3,781,134
<u>Cold rolled and coated:</u>				
Cold finished bars	47,002	46,584	-	46,584
Cold reduced strip	58,431	54,440	-	54,440
Cold reduced sheets, tin mill black plate and tin plate	1,840,010	1,833,440	815,138	1,018,302
Galvanized sheets	363,437	361,701	-	361,701
Total cold rolled and coated .	2,308,880	2,296,165	815,138	1,481,027
Total carbon steel	8,082,627	8,048,775	2,786,614	5,262,161
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	64	64	64	-
For forging and piercing	22,467	24,068	-	24,068
Alloy plates	1,735	5,029	-	5,029
Other hot rolled bars, including high-speed steel and other alloy tool steel	121,756	120,855	1,309	119,546
Structurals	-	-	-	-
Cold finished bars	6,582	6,516	-	6,516
Wire rods	3,391	3,315	-	3,315
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	31,617	31,507	-	31,507
Total alloy steel	187,612	191,354	1,373	189,981

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.	November 1963		Eleven months ended November 1963	
	Carbon	Alloy	Carbon	Alloy
net tons of 2,000 pounds				
4 Wholesalers and warehouses	68,966	736	743,707	6,680
5 Direct export:				
(a) British Commonwealth	11,080	750	172,428	5,796
(b) All other	79,725	2,489	508,692	23,480
6 Automotive industries	31,426	7,556	301,438	73,601
7 Agricultural, including implement and equipment manufacturers	16,308	545	137,511	3,615
8 Building construction	95,566	169	1,046,410	4,341
9 Container industry	21,957	49	374,748	1,072
10 Machinery and tools	22,689	2,688	231,120	30,235
11 Merchant trade products	38,642	1,045	422,381	11,581
12 Mining, lumbering, etc.	5,669	1,510	57,579	14,663
13 National defence	36	19	1,226	230
14 Pressing, forming and stamping	22,880	677	277,628	5,696
15 Public works and utilities	2,327	-	24,119	-
16 Railway operating	8,752	60	237,405	364
17 Railway cars and locomotives	2,313	-	29,665	247
18 Shipbuilding	9,994	8	86,660	272
19 Pipes and tubes	44,803	149	593,933	8,078
20 Miscellaneous and unclassified	1,520	-	15,511	33
Net shipments	484,653	18,450	5,262,161	189,984

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	260	438	6,819	2,381	10,629	5,528
5	Direct export:							
	(a) British Commonwealth	10,978	-	-	-	-	-	295
	(b) All other	874	14,638	1,834	800	76	81	3,779
6	Automotive industries .	2,849	-	108	-	71	-	11,041
7	Agricultural, etc.	75	-	1	946	567	34	6,186
8	Building construction .	193	55	2,077	19,685	2,594	24,703	2,573
9	Container industry	-	-	6	-	-	-	97
10	Machinery and tools ...	485	153	382	723	316	728	5,201
11	Merchant trade	242	-	30,649	35	51	-	5,601
12	Mining, lumbering, etc.	50	543	54	287	33	32	4,993
13	National defence	-	4	-	-	-	9	9
14	Pressing, forming and stamping	85	-	8	4	725	-	1,194
15	Public works and utilities	-	-	1	-	39	1,990	-
16	Railway operating	-	6,513	3	116	51	-	446
17	Railway cars and locomotives	602	60	2	473	24	-	296
18	Shipbuilding	2	11	-	847	17	-	383
19	Pipes and tubes	12,685	-	-	-	-	-	2
20	Miscellaneous and unclassified	4	-	-	-	-	-	39
	Net shipments	29,124	22,237	35,563	30,735	6,945	38,206	47,663

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, November 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
58	12,341	11,002	1,122	97	10,621	8,406	69,702	4
								5
-	-	557	-	-	-	-	11,830	(a)
2,164	2,911	23,313	5	-	27,225	4,514	82,214	(b)
-	657	12,089	1,439	1,564	8,263	901	38,982	6
-	1,228	4,938	875	21	1,725	257	16,853	7
-	15,167	8,637	40	13	3,660	16,338	95,735	8
-	-	296	1	4	21,423	179	22,006	9
-	7,572	4,363	636	227	4,288	303	25,377	10
-	32	1,131	648	31	964	303	39,687	11
35	725	202	81	-	107	37	7,179	12
-	-	1	9	23	-	-	55	13
-	1,005	7,115	234	1,670	9,668	1,849	23,557	14
21	174	-	-	5	97	-	2,327	15
174	1,062	341	6	-	-	100	8,812	16
-	681	92	-	-	83	-	2,313	17
-	8,529	157	16	-	-	40	10,002	18
-	6,258	20,740	1	86	4,916	264	44,952	19
-	197	-	-	1,208	53	19	1,520	20
2,452	58,539	94,974	5,113	4,949	93,093	33,510	503,103	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1963

November 1965								
SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	77	1,697	6,325	92,360	31,176	108,946	81,856
5	Direct export:							
	(a) British Commonwealth	94,196	76,060	114	79	-	-	2,344
	(b) All other	6,905	55,710	5,193	8,338	542	6,502	32,087
6	Automotive industries .	31,976	-	715	719	769	-	103,978
7	Agricultural, etc.	362	-	97	7,166	8,175	34	50,468
8	Building construction .	534	944	13,502	211,833	29,087	255,602	28,694
9	Container industry	-	-	129	-	-	121	559
10	Machinery and tools ...	10,764	981	2,966	6,588	2,892	6,360	59,082
11	Merchant trade	3,393	-	330,173	916	1,106	1,779	68,082
12	Mining, lumbering, etc.	780	6,786	581	3,651	691	230	48,265
13	National defence	6	27	-	-	-	534	291
14	Pressing, forming and stamping	2,090	-	147	978	8,853	165	9,098
15	Public works and utilities	6	-	7	549	216	19,212	901
16	Railway operating	48	166,800	89	1,436	796	97	6,212
17	Railway cars and locomotives	5,620	111	18	4,218	470	6	4,350
18	Shipbuilding	28	49	-	8,328	475	27	2,567
19	Pipes and tubes	118,722	-	-	22	50	-	36
20	Miscellaneous and unclassified	27	-	1,309	3	34	412	793
	Net shipments	275,534	309,165	361,365	347,184	85,332	400,027	499,663

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Eleven Months Ended November 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
668	127,445	98,808	14,441	1,445	113,233	71,910	750,387	4
								5
-	-	4,569	25	-	837	-	178,224	(a)
21,036	19,072	180,151	58	-	154,888	41,690	532,172	(b)
1	2,878	118,742	12,811	15,801	77,557	9,092	375,039	6
-	10,224	38,066	8,869	179	14,644	2,842	141,126	7
19	162,437	86,324	341	1,740	61,721	197,973	1,050,751	8
-	60	4,667	12	133	369,076	1,063	375,820	9
4	69,658	44,156	6,174	3,305	44,410	4,015	261,355	10
39	245	11,149	6,052	255	9,102	1,671	433,962	11
1,053	4,951	2,453	631	-	1,803	367	72,242	12
-	20	64	126	333	55	-	1,456	13
-	8,299	77,625	3,233	19,098	127,040	26,698	283,324	14
202	1,938	31	-	10	937	110	24,119	15
52,057	7,147	2,378	55	-	193	461	237,769	16
307	9,828	4,165	19	51	626	123	29,912	17
2	72,670	1,011	57	42	730	946	86,932	18
-	172,120	255,472	49	653	52,268	2,619	602,011	19
48	398	-	150	11,395	854	121	15,544	20
75,436	669,390	929,831	53,103	54,440	1,029,974	361,701	5,452,145	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel (See special notice on page 2).

	November 1963	Eleven months ended November 1963
	net tons of 2,000 pounds	
Pig iron	97,898	421,851
Sponge iron	436	5,577
Steel ingots	20,459	172,874
Blooms, billets, slab steel	22,628	188,300
Iron castings, n.e.s.	2,619	15,035
Steel castings	322	2,501
Forgings, n.e.s.	1,000	12,849
Bars steel, hot rolled	2,757	29,074
Wire rods steel, hot rolled	930	5,789
Bars steel, cold rolled	43	1,365
Plate steel	2,319	19,852
Sheet and strip, carbon steel, hot rolled	23,596	189,024
Sheet and strip, carbon steel, cold rolled	10,482	55,599
Sheet, strip, galvanized	4,967	39,571
Sheet and strip, n.e.s.	12,588	105,318
Structural shapes	1,984	26,830
Rails	11,373	134,275
Cast iron pipe	103	900
Pipes and tubes, iron and steel, n.e.s.	2,484	18,212
Totals	218,988	1,444,796

(1) Customs clearance, latest available.

(2) Includes revisions for year to date.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
net tons of 2,000 pounds		
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	-	13,449
Ingots, carbon steel	21	325
Ingots, alloy steel	38	717
Blooms, billets and slabs, carbon steel	60	939
Blooms, billets and slabs, alloy steel	68	1,007
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	6,578	64,168
Bars, carbon steel, hot rolled n.o.p.	3,997	32,023
Bars, alloy steel, hot rolled	381	3,981
Wire rods, steel, hot rolled	6,228	45,440
Bars, carbon steel, cold drawn or cold finished	359	2,992
Bars, alloy steel, cold drawn or cold finished	57	478
Bars or rods, steel, fabricated n.o.p.	222	2,146
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	3,670	22,171
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	6,193	33,400
Plates, carbon steel, over 100 inches in width n.o.p.	538	4,580
Floor plate, carbon steel	670	4,981
Plates, fabricated or coated n.o.p.	31	2,120
Plates, flanged or dished, drilled or not	191	2,278
Plates, stainless steel (including carbon steel clad with stainless)	183	2,155
Plates, alloy steel n.o.p., except stainless ..	378	4,929
Plate, sheet or strip, not tempered or ground, for saws	289	1,999

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	31	330
Stainless and other alloy steel for pipes and tubes	83	700
Carbon steel, hot rolled, for pipes, over 60 inches in width	-	14,552
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	290	680
Carbon steel, cold rolled, for pipes and tubes	-	12
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	843	8,622
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	10,399	29,210
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	808	8,458
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	344	4,914
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	213	3,929
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	356	5,950
Sheet, and strip, carbon steel, finished for porcelain enamelling	35	1,495
Sheet and strip, carbon steel, coated with tin (tinplate)	218	3,513
Sheet and strip, carbon steel, coated with zinc (galvanized)	494	3,735
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	936	9,078
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	641	5,524
Sheet and strip, carbon steel, coated n.o.p. ..	454	3,937
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	23	147

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	368	1,779
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	1	176
Sheet and strip, silicon steel	1,589	15,509
Sheet and strip, alloy steel n.o.p.	175	973
Sheet and strip, corrugated or fabricated n.o.p.	101	903
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,148	25,820
Bearing pile, carbon steel	119	2,647
Wide flange beams, carbon steel n.o.p.	4,633	38,985
Structural shapes, carbon steel, large sizes n.o.p.	1,963	21,698
Structural shapes, carbon steel, intermediate sizes n.o.p.	3,519	26,851
Structural shapes, bar size, carbon steel	3,277	24,113
Sheet piling, carbon steel	2,878	12,571
Structural shapes, alloy steel	59	369
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	118	1,661
Structural shapes, fabricated n.o.p.	460	3,137
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	4	550
Tires of steel, in the rough, for railway vehicles	-	47

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
	net tons of 2,000 pounds	
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	37	973
Railway rails, iron or steel	282	6,044
Fish plates, splice bars, rail joints and tie plates, iron or steel	166	2,236
Railway track material n.o.p.	57	314
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	159	1,815
Drill pipe	100	1,724
Oil country goods, steel n.o.p.	1,300	21,645
Pipes, tubes more than 10 1/2 inches in diame- ter and fittings, steel, for transmission of natural gas or crude oil	42	2,918
Corrugated metal culvert pipe	-	102
Mechanical tubing, steel	1,300	11,398
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,789	8,236
Tubes, seamless steel, for bearings	356	5,733
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	9	248
Pipes and tubes, steel welded n.o.p.	3,091	21,750
Pipes and tubes, steel, seamless, hot finished n.o.p.	600	6,325
Pipes and tubes, steel, seamless, cold finished n.o.p.	316	2,896
Pipes and tubes, iron or steel n.o.p.	521	6,271
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,421	16,840
Wire, steel, flat or shaped	21	346

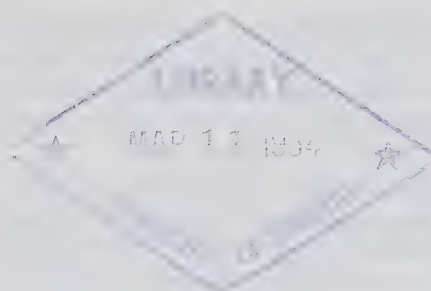
TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded (See special notice on page 2).

Commodity	September 1963	Nine months ended September 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	69	1,063
Wire, iron or steel, not coated n.o.p.	745	5,508
Wire, steel, galvanized n.o.p.	464	6,160
Wire, iron or steel, coated n.o.p., except insulated	64	644
Wire, barbed, including galvanized	115	7,167
Wire strand, including twisted and braided, coated or not	17	493
Wire rope for use in logging, coated or not ...	134	1,517
Wire rope, coated or not n.O.p.	354	2,213
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	216	2,701
Welding rods and electrodes, n.o.p.	18	293
Welding wire	95	1,035
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 guage	32	197
18 guage and thicker	409	2,876
Sheet stainless steel, cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 guage	292	3,706
18 guage and heavier	511	3,613
Total imports or selected forms of iron and steel	83,834	685,853

CATALOGUE No.

41-001

MONTHLY



Canada. Statistics, Bureau of
///

PRIMARY IRON AND STEEL

DECEMBER 1963

NOTICE TO USERS

See page 2 regarding discontinuance of
Export and Import Statistics—Tables 18
and 19.

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry Division

March 1964
6523-502

Price: 30 cents
\$3.00 a year

Vol. 18—No. 12

NOTE: Reference Imports of Selected Forms of Iron and Steel, Table No. 19 Primary Iron and Steel bulletin (catalogue number 41-001)

Prior to January 1963 the breakdown on imports of steel shapes shown in Table 19 of the present volume was developed from a special tabulation of steel imports. Details on imports of steel shapes were also developed by the External Trade Division and published separately in their volume Trade of Canada - Imports.

At one time the special tabulation performed a useful function as it presented commodity detail not available in the Trade of Canada - Imports. With the introduction of a revised classification on steel shapes by the External Trade Division the difference in the two tabulations as regards most classes disappeared (some specialty and tool steel excepted), and under these circumstances the disposition of staff and time required for the special tabulation were considered to be no longer warranted. Accordingly, beginning with the January 1963 presentation, details shown in Table 19 reflect data developed by the External Trade Division and constitute an exact duplication of their figures.

Details by country of origin are not shown in the present bulletin but may be obtained by reference to the above mentioned External Trade publication 'Trade of Canada - Imports', Catalogue No. 65-007.

SPECIAL NOTICE

Reference Exports and Imports of Selected Forms of Iron and Steel, Tables 18 and 19.

Effective with the January 1964 issue, Export and Import data included in this report will be discontinued.

Users of these data are advised that this information may be obtained by reference to the following two monthly publications:

Catalogue No. 65-004-Trade of Canada - Exports
Catalogue No. 65-007-Trade of Canada - Imports

The above-mentioned publications are prepared by the External Trade Division, Dominion Bureau of Statistics, and can be obtained on an annual subscription basis of \$7.50 for each report from the Publications Distribution Unit, Dominion Bureau of Statistics, or the Queen's Printer.

TABLE 1. Description of Iron Blast Furnaces(1) at End of December 1963

	Number of furnaces(2)	Total annual capacity	
		Net tons	Per cent
In blast	15	5,513,100	95.0
Banked	-	-	-
Blown out	2	291,800	5.0
Totals	17	5,804,900	100.0

(1) Does not include capacity of equipment used in the smelting of titanium ores.

(2) Includes one electric reduction furnace.

TABLE 2. Iron Blast Furnaces Charges(1)

	December 1963	Twelve months ended December 1963
	net tons of 2,000 pounds	
<u>Crude iron ore:</u>		
From Canadian mines	53,374	767,905
From foreign mines	115,289	1,783,927
Pyrite cinder	(2)	(2)
<u>Iron ore (sintered, pelletized, etc.):</u>		
From Canadian mines	175,909	2,018,783
From foreign mines	254,335	3,062,030
From own processing'	138,723	1,692,584
Mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.)	15,904	195,501
Scrap iron and steel	4,851	65,530
Limestone	51,290	771,738
Dolomite	39,054	415,183
Coke	282,620	3,561,016

(1) Does not include charges into furnaces used in the smelting of titanium ores.

(2) Included with mill cinder, roll scale, slag and flue dust (not sintered, pelletized, etc.).

TABLE 3. Production and Shipments of Pig Iron and Ferro-alloys December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	380,449	2,923	419,772	3,476
Foundry (including silvery pig)(2)	2,693	91,570	36,578	45,786
Malleable	4,833	12,029	29,663	17,278
Total pig iron	387,975	106,522	486,013	66,540
Ferro-alloys	12,125	9,581	13,859	12,590
Stocks of pig iron on hand at end of month	212,353		197,630	

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 4. Production and Shipments of Pig Iron and Ferro-alloys Twelve Months Ended December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Pig iron:</u>				
Basic	4,558,571	50,788	5,084,882	66,196
Foundry (including silvery pig)(2)	252,052	352,913	308,951	329,237
Malleable	478,310	407,934	521,164	363,524
Total pig iron	5,288,933	811,635	5,914,997	758,957
Ferro-alloys	138,249	128,689	143,702	142,768

(1) Includes amounts for sale and for own use.

(2) Includes the re-melt iron product produced in connection with the smelting of titanium ores.

TABLE 5. Steel Furnace Capacity at First of January

	Annual capacity
	net tons of 2,000 pounds
Ingots - Basic open hearth	5,002,000
Electric	954,000
Oxygen	1,870,000
Total ingots	7,826,000
Steel castings	487,400
Total ingots and castings	8,313,400

TABLE 6. Pig Iron and Scrap charged to Steel Furnaces

	December		Twelve months ended December	
	1962	1963	1962	1963
	net tons of 2,000 pounds			
Pig iron	372,487	429,151	4,559,486	5,084,606
Scrap - Own make	160,985	197,856	1,976,051	2,287,358
Purchased	122,135	145,670	1,544,430	1,777,810
Total pig iron and scrap	655,607	772,677	8,079,967	9,149,774

TABLE 7. Production and Shipments of Steel Ingots and Castings December

	1962		1963	
	Tonnage made(1)	Tonnage shipped	Tonnage made(1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	513,251	314	614,908	451
Electric	52,306	7,753	55,801	8,086
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots .	565,557	8,067	670,709	8,537
Alloy steel ingots included in above	28,579	749	36,921	687
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	160	160	889	889
Electric	8,268	8,649	12,212	11,399
Other	-	-	-	-
Total steel castings	8,428	8,809	13,101	12,288
<u>Alloy steel castings included in above:</u>				
High alloy, except manganese and abrasion resistant	190	222	582	371
High alloy, manganese and abrasion resistant ...	1,839	1,675	2,208	1,987
All other alloys	503	429	756	720
Total alloy castings	2,532	2,326	3,546	3,078

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 8. Production and Shipments of Steel Ingots and Castings Twelve Months Ended December

	1962		1963	
	Tonnage made (1)	Tonnage shipped	Tonnage made (1)	Tonnage shipped
	net tons of 2,000 pounds			
<u>Steel ingots (both carbon and alloy):</u>				
Basic open hearth	6,397,106	156,539	7,322,734	154,394
Electric	653,736	91,165	742,138	117,529
Oxygen	(2)	(2)	(2)	(2)
Total steel ingots	7,050,842	247,704	8,064,872	271,923
Alloy steel ingots included in above	317,150	10,199	400,062	11,254
<u>Steel castings (both carbon and alloy):</u>				
Basic open hearth	3,913	3,913	6,729	6,731
Electric	118,720	117,502	118,678	115,202
Other	-	-	-	-
Total steel castings	122,633	121,415	125,407	121,933
Alloy steel castings included in above:				
High alloy, except manganese and abrasion resistant	3,193	2,898	3,944	3,448
High alloy, manganese and abrasion resistant ...	21,465	21,140	22,211	21,427
All other alloys	5,409	5,308	6,978	6,573
Total alloy castings	30,067	29,346	33,133	31,448

(1) Includes amounts for sale and for own use.

(2) Included with "Basic open hearth".

Note: High alloy castings include all castings with an alloy content of 8% and over.

TABLE 9. Disposition of Shipments(1) of Steel Castings

	December 1963		Twelve months ended December 1963	
	Carbon	Alloy	Carbon	Alloy
	net tons of 2,000 pounds			
Direct export - British Commonwealth	-	1	-	235
All other	246	368	1,590	3,500
Automotive industries	287	29	4,143	342
Agricultural, including implement and equipment manufacturers	82	17	1,019	219
Machinery and tools	1,945	470	17,643	5,492
Mining, lumbering and quarrying industries	1,060	1,172	11,122	12,780
Oil and gas, including refineries	14	16	262	212
National defence	18	5	230	190
Public works and public utilities	100	32	681	461
Railway operating	4,470	528	43,999	3,296
Railway cars and locomotives	701	75	6,319	733
Shipbuilding	38	38	835	150
Miscellaneous and unclassified	249	327	2,626	3,849
Total shipments	9,210	3,078	90,469	31,459

(1) Compiled by principal consuming industries, according to the Revised Steel Distribution Index. As of January 1957, includes producers' own-make castings allocated to appropriate consuming industry.

TABLE 10. Monthly Production of Pig Iron, Ferro-alloys and Steel Ingots and Castings

	Pig iron	Ferro- alloys	Steel		
			Ingots	Castings	Total steel
			net tons of 2,000 pounds		
<u>1962</u>					
January	418,875	9,438	566,043	10,009	576,052
February	393,136	9,255	523,911	9,877	533,788
March	446,985	11,236	592,166	10,644	602,810
April	451,432	12,023	585,570	12,089	597,659
May	463,078	14,433	590,090	13,064	603,154
June	471,178	10,378	586,791	11,917	598,708
July	491,328	9,753	604,036	7,049	611,085
August	492,334	11,188	640,652	10,622	651,274
September	445,348	11,572	608,186	10,540	618,726
October	428,428	13,952	589,982	8,349	598,331
November	398,836	12,896	597,858	10,045	607,903
December	387,975	12,125	565,557	8,428	573,985
Totals	5,288,933	138,249	7,050,842	122,633	7,173,475
<u>1963</u>					
January	409,055	11,003	651,556	8,659	660,215
February	378,119	10,623	580,571	10,209	590,780
March	451,017	11,024	667,115	11,133	678,248
April	482,210	13,105	690,822	11,223	702,045
May	538,140	12,542	742,700	10,925	753,625
June	534,005	9,814	671,107	10,181	681,288
July	539,271	11,128	651,001	6,442	657,443
August	545,472	12,258	692,121	8,152	700,273
September	504,801	13,526	659,657	10,589	670,246
October	528,696	11,289	686,171	12,450	698,621
November	518,198	13,531	701,342	12,343	713,685
December	486,013	13,859	670,709	13,101	683,810
Totals	5,914,997	143,702	8,064,872	125,407	8,190,279

TABLE 11. Production and Shipments of Steel Pipes, Tubes and Fittings December

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2 " outside diameter and under (excluding casing)	11,262	8,430	12,484	11,438
Over 4 1/2" outside diameter (including all sizes of casing)	6,370	9,106	13,574	11,615
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	5,252	5,727	9,622	9,458
Totals	22,884	23,263	35,680	32,511
<u>Steel pipe fittings:</u>				
Buttwelding fittings	68	111	132	81
Nipples	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	687	420	511	418
Totals	755	531	643	499

(1) Included with other.

TABLE 12. Production and Shipments of Steel Pipes, Tubes and Fittings Twelve Months Ended December

	1962		1963	
	Made	Shipped	Made	Shipped
	net tons of 2,000 pounds			
<u>Pipe, welded and seamless:</u>				
4 1/2" outside diameter and under (excluding casing)	202,864	190,624	176,892	179,816
Over 4 1/2 " outside diameter (including all sizes of casing)	196,315	191,927	312,297	316,156
Mechanical and pressure tubing, welded and seamless (including boiler and oil well tubing but excluding casing)	77,987	76,922	84,080	77,705
Totals	477,166	459,473	573,269	573,677
<u>Steel pipe fittings:</u>				
Buttwelding fittings	1,266	1,504	1,664	1,806
Nipples ..	(1)	(1)	(1)	(1)
Other, including flanges and flanged fittings	6,097	6,270	6,274	6,506
Totals	7,363	7,774	7,938	8,312

(1) Included with other.

TABLE 13 . Production and Disposition of Shipments of Rolled Steel Products, December 1963

	Production	Total of all shipments	Shipments for further processing	Net shipments
net tons of 2,000 pounds				
<u>Carbon steel:</u>				
<u>Hot rolled:</u>				
Semi-finished shapes:				
For re-rolling	23,088	22,387	11,473	10,914
For forging and piercing	16,348	18,070	-	18,070
Rails	26,827	29,948	-	29,948
Wire rods	28,751	29,937	-	29,937
Structural shapes:				
Heavy, including piling	35,486	30,858	-	30,858
Light	6,483	5,191	-	5,191
Concrete reinforcing bars	46,883	26,596	-	26,596
Other hot rolled bars	40,877	36,396	4,054	32,342
Tie plates and track material:				
Angle bars	8	11	-	11
Tie plates	1,247	3,070	-	3,070
Track spikes	290	152	-	152
Plates (including plates for pipes and tubes)	64,414	60,963	-	60,963
Hot rolled sheets and strip	246,623	248,140	174,468	73,672
Total hot rolled products ..	537,325	511,719	189,995	321,724
<u>Cold rolled and coated:</u>				
Cold finished bars	4,069	4,139	-	4,139
Cold reduced strip	5,529	5,536	-	5,536
Cold reduced sheets, tin mill black plate and tin plate	150,105	147,537	59,048	88,489
Galvanized sheets	28,027	26,314	-	26,314
Total cold rolled and coated .	187,730	183,526	59,048	124,478
Total carbon steel	725,055	695,245	249,043	446,202
<u>Alloy steel:</u>				
Semi-finished shapes:				
For re-rolling	22	22	22	-
For forging and piercing	2,560	2,560	-	2,560
Alloy plates	200	404	-	404
Other hot rolled bars, including high-speed steel and other alloy tool steel	11,902	12,198	132	12,066
Structurals	-	-	-	-
Cold finished bars	466	498	-	498
Wire rods	314	314	-	314
Hot and cold rolled sheets and strip, silicon sheets and strip and stainless steel	2,749	2,717	-	2,717
Total alloy steel	18,213	18,713	154	18,559

TABLE 15. Disposition of Shipments(1) of Rolled Steel Products

SDI No.		December 1963		Twelve months ended December 1963	
		Carbon	Alloy	Carbon	Alloy
		net tons of 2,000 pounds			
4	Wholesalers and warehouses	52,663	560	796,370	7,240
5	Direct export:				
	(a) British Commonwealth	11,003	662	183,431	6,458
	(b) All other	74,518	2,036	583,210	25,516
6	Automotive industries	32,033	7,421	333,471	81,022
7	Agricultural, including implement and equipment manufacturers	22,977	592	160,488	4,207
8	Building construction	71,551	306	1,117,961	4,647
9	Container industry	19,800	36	394,548	1,108
10	Machinery and tools	22,588	2,974	253,708	33,209
11	Merchant trade products	38,437	1,230	460,818	12,811
12	Mining, lumbering, etc.	4,123	1,281	61,702	15,944
13	National defence	574	7	1,800	237
14	Pressing, forming and stamping	24,172	364	301,800	6,060
15	Public works and utilities	1,160	-	25,279	-
16	Railway operating	12,948	47	250,353	411
17	Railway cars and locomotives	5,096	75	34,761	322
18	Shipbuilding	7,719	28	94,379	300
19	Pipes and tubes	40,393	940	634,326	9,018
20	Miscellaneous and unclassified	4,447	-	19,958	33
	Net shipments	446,202	18,559	5,708,363	208,543

(1) Compiled by principal consuming industries, according to the revised "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	-	76	342	5,333	1,715	5,092	4,584
5	Direct export:							
	(a) British Commonwealth	10,914	-	-	-	-	89	158
	(b) All other	828	17,450	98	1,041	87	651	2,360
6	Automotive industries .	4,212	-	95	77	29	-	9,728
7	Agricultural, etc.	-	-	-	531	428	9,013	4,952
8	Building construction .	1	52	2,254	20,368	2,045	10,421	2,489
9	Container industry	-	-	7	-	-	-	3
10	Machinery and tools ...	1,173	345	100	1,617	354	399	5,572
11	Merchant trade	1,414	-	26,998	40	54	-	8,437
12	Mining, lumbering, etc.	37	193	59	26	12	22	3,906
13	National defence	-	-	-	-	-	-	6
14	Pressing, forming and stamping	105	-	21	100	380	41	1,106
15	Public works and utilities	-	-	-	-	-	696	26
16	Railway operating	-	11,825	19	89	11	11	312
17	Railway cars and locomotives	621	-	2	883	26	-	539
18	Shipbuilding	2	7	-	753	50	-	200
19	Pipes and tubes	12,237	-	-	-	-	-	-
20	Miscellaneous and unclassified	-	-	256	-	-	161	30
	Net shipments	31,544	29,948	30,251	30,858	5,191	26,596	44,408

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 16. Disposition of Shipments(1) of Rolled Steel Products, by Product, December 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
11	10,598	9,957	920	65	8,676	5,854	53,223	4
								5
-	-	503	1	-	-	-	11,665	(a)
3,008	3,572	16,125	4	65	27,033	4,232	76,554	(b)
-	606	11,662	1,185	1,804	8,828	1,228	39,454	6
-	715	4,777	1,026	12	1,920	195	23,569	7
1	13,621	4,614	39	80	4,270	11,602	71,857	8
-	-	688	1	11	19,003	123	19,836	9
33	7,138	3,652	552	301	3,948	378	25,562	10
-	5	935	624	26	840	294	39,667	11
44	744	81	56	-	181	43	5,404	12
-	-	94	9	-	472	-	581	13
-	745	6,933	184	1,779	10,897	2,245	24,536	14
-	438	-	-	-	-	-	1,160	15
136	431	150	11	-	-	-	12,995	16
-	2,936	48	-	86	30	-	5,171	17
-	6,646	5	13	-	50	21	7,747	18
-	13,005	12,442	-	95	3,455	99	41,333	19
-	167	2,577	12	1,212	32	-	4,447	20
3,233	61,367	75,243	4,637	5,536	89,635	26,314	464,761	

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended December 1963

SDI No.		Semi- finished shapes	Rails	Wire rods	Structural shapes		Concrete rein- forcing bars	Other hot rolled bars
					Heavy including piling	Light		
net tons of 2,000 pounds								
4	Wholesalers and warehouses	77	1,773	6,667	97,693	32,891	114,038	86,440
5	Direct export:							
	(a) British Commonwealth	105,110	76,060	114	79	-	89	2,502
	(b) All other	7,733	73,160	5,291	9,379	629	7,153	34,447
6	Automotive industries .	36,188	-	810	796	798	-	113,706
7	Agricultural, etc.	362	-	97	7,697	8,603	9,047	55,420
8	Building construction .	535	996	15,756	232,201	31,132	266,023	31,183
9	Container industry	-	-	136	-	-	121	562
10	Machinery and tools ...	11,937	1,326	3,066	8,205	3,246	6,759	64,654
11	Merchant trade	4,807	-	357,171	956	1,160	1,779	76,519
12	Mining, lumbering, etc.	817	6,979	640	3,677	703	252	52,171
13	National defence	6	27	-	-	-	534	297
14	Pressing, forming and stamping	2,195	-	168	1,078	9,233	206	10,204
15	Public works and utilities	6	-	7	549	216	19,908	927
16	Railway operating	48	178,625	108	1,525	807	108	6,524
17	Railway cars and locomotives	6,241	111	20	5,101	496	6	4,889
18	Shipbuilding	30	56	-	9,081	525	27	2,767
19	Pipes and tubes	130,959	-	-	22	50	-	36
20	Miscellaneous and unclassified	27	-	1,565	3	34	573	823
	Net shipments	307,078	339,113	391,616	378,042	90,523	426,623	544,071

(1) Compiled by principal consuming industries, according to the revise "Steel Distribution Index", copies of which are available on request.

TABLE 17. Disposition of Shipments(1) of Rolled Steel Products, by Product, Twelve Months Ended
December 1963

Tie plates and track material	Plates including plates for pipes and tubes	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total	SDI No.
net tons of 2,000 pounds								
679	138,043	108,765	15,361	1,510	121,909	77,764	803,610	4
								5
-	-	5,072	26	-	837	-	189,889	(a)
24,044	22,644	196,276	62	65	181,921	45,922	608,726	(b)
1	3,484	130,404	13,996	17,605	86,385	10,320	414,493	6
-	10,939	42,843	9,895	191	16,564	3,037	164,695	7
20	176,058	90,938	380	1,820	65,991	209,575	1,122,608	8
-	60	5,355	13	144	388,079	1,186	395,656	9
37	76,796	47,808	6,726	3,606	48,358	4,393	286,917	10
39	250	12,084	6,676	281	9,942	1,965	473,629	11
1,097	5,695	2,534	687	-	1,984	410	77,646	12
-	20	158	135	333	527	-	2,037	13
-	9,044	84,558	3,417	20,877	137,937	28,943	307,860	14
202	2,376	31	-	10	937	110	25,279	15
52,193	7,578	2,528	66	-	193	461	250,764	16
307	12,764	4,213	19	137	656	123	35,083	17
2	79,316	1,016	70	42	780	967	94,679	18
-	185,125	267,914	49	748	55,723	2,718	643,344	19
48	565	2,577	162	12,607	886	121	19,991	20
78,669	730,757	1,005,074	57,740	59,976	1,119,609	388,015	5,916,906	

TABLE 18. Exports(1) of Selected Forms of Iron and Steel (See special notice on page 2).

	December 1963	Twelve months ended December 1963
	net tons of 2,000 pounds	
Pig iron	60,085	481,936
Sponge iron	521	6,098
Steel ingots	2,433	175,307
Blooms, billets, slab steel	13,703	202,003
Iron castings, n.e.s.	2,808	17,843
Steel castings	322	2,823
Forgings, n.e.s.	946	13,795
Bars steel, hot rolled	2,858	31,932
Wire rods steel, hot rolled	283	6,072
Bars steel, cold rolled	84	1,449
Plate steel	3,618	23,470
Sheet and strip, carbon steel, hot rolled	16,816	205,840
Sheet and strip, carbon steel, cold rolled	14,259	69,858
Sheet, strip, galvanized	2,694	42,265
Sheet and strip, n.e.s.	9,169	114,487
Structural shapes	2,119	28,949
Rails	999	135,274
Cast iron pipe	114	1,014
Pipes and tubes, iron and steel, n.e.s.	2,760	20,972
Totals	136,591	1,581,387

(1) Customs clearance, latest available.

Note: Data in above table were compiled from Customs' export entries received by the External Trade Section and are, therefore, not exactly comparable with shipments data reported by producers in Tables 9, 14 and 15.

TABLE 19. Imports of Selected Forms of Iron and Steel (See special notice on page 2).

Commodity	October 1963	Ten months ended October 1963
	net tons of 2,000 pounds	
<u>Pigs, ingots, blooms and billets:</u>		
Pig iron	-	13,449
Ingots, carbon steel	77	402
Ingots, alloy steel	200	917
Blooms, billets and slabs, carbon steel	65	1,004
Blooms, billets and slabs, alloy steel	93	1,100
<u>Bars and rods:</u>		
Concrete reinforcing bars, carbon steel, hot rolled	9,006	73,174
Bars, carbon steel, hot rolled n.o.p.	4,785	36,808
Bars, alloy steel, hot rolled	1,050	5,031
Wire rods, steel, hot rolled	8,152	53,592
Bars, carbon steel, cold drawn or cold finished	421	3,413
Bars, alloy steel, cold drawn or cold finished	39	517
Bars or rods, steel, fabricated n.o.p.	388	2,534
<u>Plates, sheet and strip:</u>		
Plates, carbon steel, 60 inches or less in width n.o.p.	2,804	24,975
Plates, carbon steel, over 60 inches but not more than 100 inches in width n.o.p.	4,183	37,583
Plates, carbon steel, over 100 inches in width n.o.p.	373	4,953
Floor plate, carbon steel	968	5,949
Plates, fabricated or coated n.o.p.	41	2,161
Plates, flanged or dished, drilled or not	135	2,413
Plates, stainless steel (including carbon steel clad with stainless)	208	2,363
Plates, alloy steel n.o.p., except stainless ..	360	5,289
Plate, sheet or strip, not tempered or ground, for saws	321	2,320

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	October 1963	Ten months ended October 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Continued:</u>		
Plate, sheet or strip, hardened, tempered or ground, for saws	25	355
Stainless and other alloy steel for pipes and tubes	27	727
Carbon steel, hot rolled, for pipes, over 60 inches in width	373	14,925
Carbon steel, hot rolled, for pipes, and tubes, over 15 3/8 inches to 60 inches in width	-	-
Carbon steel, hot rolled, for pipes and tubes, 15 3/8 inches or less in width	-	680
Carbon steel, cold rolled, for pipes and tubes	12	24
Sheet and strip, carbon steel, hot rolled, less than 24 inches in width n.o.p.	901	9,523
Sheet, carbon steel, hot rolled, 24 inches to 51 inches in width n.o.p.	19,212	48,422
Sheet, carbon steel, hot rolled, over 51 inches in width n.o.p.	410	8,868
Sheet and strip, carbon steel, cold rolled, less than 24 inches in width n.o.p.	736	5,650
Sheet, carbon steel, cold rolled, 24 inches to 51 inches in width n.o.p.	299	4,228
Sheet, carbon steel, cold rolled, over 51 inches in width n.o.p.	352	6,302
Sheet, and strip, carbon steel, finished for porcelain enamelling	171	1,666
Sheet and strip, carbon steel, coated with tin (tinplate)	228	3,741
Sheet and strip, carbon steel, coated with zinc (galvanized)	652	4,387
Sheet and strip, carbon steel, coated with lead or with an alloy of lead and tin (terneplate)	1,104	10,182
Sheet and strip, carbon steel, coated with metal or metals n.o.p.	859	6,383
Sheet and strip, carbon steel, coated n.o.p. ..	416	4,353
Sheet and strip stainless steel, hot rolled, 60 inches or less in width	See page 21	
Sheet, stainless steel, hot rolled, over 60 inches in width	12	159

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	October 1963	Ten months ended October 1963
net tons of 2,000 pounds		
<u>Plates, sheet and strip - Concluded:</u>		
Sheet and strip, stainless steel, cold rolled, 18 inches or less in width	352	2,131
Sheet, stainless steel, cold rolled, over 18 inches to 51 inches in width	See page 21	
Sheet, stainless steel, cold rolled, over 51 inches in width	9	185
Sheet and strip, silicon steel	2,108	17,617
Sheet and strip, alloy steel n.o.p.	41	1,014
Sheet and strip, corrugated or fabricated n.o.p.	139	1,042
<u>Structural shapes and sheet piling:</u>		
Wide flange beams, carbon steel, over 24 inches in depth or web	3,828	29,648
Bearing pile, carbon steel	52	2,699
Wide flange beams, carbon steel n.o.p.	6,057	45,042
Structural shapes, carbon steel, large sizes n.o.p.	3,290	24,988
Structural shapes, carbon steel, intermediate sizes n.o.p.	6,712	33,563
Structural shapes, bar size, carbon steel	6,554	30,667
Sheet piling, carbon steel	793	13,364
Structural shapes, alloy steel	4	373
Sash, casement or frame sections, not punched, drilled nor further manufactured, for metal window frames	331	1,992
Structural shapes, fabricated n.o.p.	492	3,629
<u>Rails and railway track material, steel wheels and tires:</u>		
Axles, axle bars, axle blanks, and parts, for railway vehicles	72	622
Tires of steel, in the rough, for railway vehicles	9	56

TABLE 19. Imports of Selected Forms of Iron and Steel - Continued (See special notice on page 2).

Commodity	October 1963	Ten months ended October 1963
net tons of 2,000 pounds		
<u>Rails and railway track material, steel wheels and tires - Concluded:</u>		
Steel wheels for use on railway rolling stock	32	1,005
Railway rails, iron or steel	122	6,166
Fish plates, splice bars, rail joints and tie plates, iron or steel	252	2,488
Railway track material n.o.p.	9	323
<u>Pipes, tubes and fittings:</u>		
Pipes and tubes of cast iron	184	1,999
Drill pipe	113	1,837
Oil country goods, steel n.o.p.	1,785	23,430
Pipes, tubes more than 10 1/2 inches in diameter and fittings, steel, for transmission of natural gas or crude oil	2	2,920
Corrugated metal culvert pipe	17	119
Mechanical tubing, steel	1,246	12,644
Pipes and tubes, steel, for pressure parts of boilers, pulp mill digesters and vessels for the refining of oil	1,135	9,371
Tubes, seamless steel, for bearings	466	6,199
Pipes and tubes, steel, with plain ends, for rolls for paper-making machinery	75	323
Pipes and tubes, steel welded n.o.p.	2,270	24,020
Pipes and tubes, steel, seamless, hot finished n.o.p.	527	6,852
Pipes and tubes, steel, seamless, cold finished n.o.p.	296	3,192
Pipes and tubes, iron or steel n.o.p.	1,024	7,295
<u>Wire and wire rope, iron and steel:</u>		
Wire, steel, for wire rope	1,180	18,020
Wire, steel, flat or shaped	53	399

TABLE 19. Imports of Selected Forms of Iron and Steel - Concluded (See special notice on page 2).

Commodity	October 1963	Ten months ended October 1963
net tons of 2,000 pounds		
<u>Wire and wire rope, iron and steel - Concluded:</u>		
Wire, steel, spring, for mattresses, cushions or upholstery	166	1,229
Wire, iron or steel, not coated n.o.p.	760	6,268
Wire, steel, galvanized n.o.p.	663	6,823
Wire, iron or steel, coated n.o.p., except insulated	120	764
Wire, barbed, including galvanized	180	7,347
Wire strand, including twisted and braided, coated or not	89	582
Wire rope for use in logging, coated or not ...	230	1,747
Wire rope, coated or not n.o.p.	200	2,413
<u>Welding wire, rods and electrodes:</u>		
Welding rods and electrodes, steel	234	2,935
Welding rods and electrodes, n.o.p.	19	312
Welding wire	102	1,137
<u>Plates, sheet and strip:</u>		
Sheet and strip stainless steel hot rolled 60 inches or less in width:		
Thinner than 18 guage	48	245
18 guage and thicker	689	3,565
Sheet stainless steel cold rolled over 18 inches to 51 inches in width:		
Thinner than 18 guage	499	4,205
18 guage and heavier	443	4,056
Total imports of selected forms of iron and steel	105,531	791,384

BINDING OCT. NOV 26 1973

Government
Publications

